

## SCOTTISH HOSPITALS INQUIRY

**Bundle of document for Oral hearings  
commencing from 13 May 2025 in relation  
to the Queen Elizabeth University Hospital  
and the Royal Hospital for Children,  
Glasgow**

### **Bundle 32 – Early Warning (EW) Trackers**

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## NEC3 – STATUS UPDATE

## EARLY WARNINGS

The following Early Warnings have been submitted to the NHS Board as at 30/07/2010:

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Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6715	BCL-EW-001	Brookfield Value Engineering Items	13 January 2010	Value impact work in progress Focus on Tunnel Arrangement – Pack received by Board 01/02/2010	10/02/2010 (PM PMI 003)
6716	BCL-EW-002	Mobile Phone Mast Location	8 <sup>th</sup> February 2010	Agreement in principle re Scottish Water Land Acquisition. Works on-going to purchase land. EW to be closed out	22/07/2010
6717	BCL-EW-003	Utilities (1MVA) Power	10 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6718	BCL-EW-004	Utilities (11kv Breaker)	10 Feb 2010	Part of Scottish Power Quotation	13/04/2010
6719	BCL-EW-005	Utilities (Moving 11KV Circuit Breakers) – Hospitals	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6720	BCL-EW-006	Utilities (Moving 11KV Circuit Breakers) – Labs	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6721	BCL-EW-007	Discovery of Foundations and Brickwork (Labs Site)	3 <sup>rd</sup> March 2010	Dunne's have removed foundations and brickwork.	8/04/2010 (PMI/General/013)
6722	BCL-EW-008	Planning Issues (Labs Render)	4 <sup>th</sup> March 2010	Agreed at EW Meeting 17/06/2010 to close EW out	17/06/2010
6723	BCL-EW-009	Planning Issues (Adult and Children's Render)	5 <sup>th</sup> March 2010	BCL worked with Planning Dept to identify agreeable finishes. Indicative costs circa £500k and would like the Board to contribute to the cost. BCL progressed to ensure there was no delay to Planning.  BCL to provide info re costs and % share requested from Board for AS to present to RC.	
6724	BCL-EW-010	Repositioning of Labs Building	8 <sup>th</sup> March 2010	Cross reference with PMI / General / 008 and PMI / General / 009	10 <sup>th</sup> March 2010 (PMI/General/009) PART OF STAGE E
6725	BCL-EW-011	Water Main within Basement Footprint	9 <sup>th</sup> March 2010	Water main being diverted 13/03/2010	08/04/2010 (PMI/General/014)
6726	BCL-EW-012	Access Road serving the laboratories	19 <sup>th</sup> March 2010	Request for instruction to extend the access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10 <sup>th</sup> June 2010

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6727	BCL-EW-013	Laboratories Tunnel	29 <sup>th</sup> March 2010	Request to construct the Labs tunnel beyond the extents of the new access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10 <sup>th</sup> June 2010
6728	BCL-EW-014	Increase in Building Control Fees	14 <sup>th</sup> April 2010	BCL submitted Building Warrant Application. Expectation that receiving building warrant locks design into current legislation.  BCL identifying impending changes to legislation for discussion with the NHS team.  BCL negotiations with GCC to be concluded by 15 <sup>th</sup> July 2010.  Work ongoing by BCL, meeting next week to discuss and finalise.	
6729	BCL-EW-015	Junctions at Govan Road	14 <sup>th</sup> April 2010	NHS confirmed that SW have advised that they are unwilling to alter their junctions at Govan Road. WSP to be asked if GCC can serve a left turn only enforcement notice on SW.  Junction information indicated on Masterplan submitted end April and VISSIM model shows no impact on junction. RCC will conclude this issue.	
				Discussion re private or adopted road. PM view that road should be private but built to adoptable road standard. DS agreed to discuss with Jim Miller.	
6730	BCL-EW-016	Kitchen Relocation from level 3 to Basement	14 <sup>th</sup> April 2010	NHS team obtaining still to obtain formal Board sign off however AS confirmed that BCL can undertake kitchen relocation from level 3 to the basement. NHS will raise a CEN.	1 <sup>st</sup> July 2010
6731	BCL-EW-017	Compatibility of the existing Kitchen cart/trolleys and the Proposed AGV Robotic System	15 <sup>th</sup> April 2010	AGV Strategy not signed off by FM.  LM to ask Karen Connelly for position statement on all cart issues to be discussed at next meeting.	

Sypro ID	NHS Ref No.	Item	Date Raised	Status	Date Completed
6732	BCL-EW-018	Service drain to the side of the Laboratories Building	21 <sup>st</sup> April 2010	Board to review costs and advise BCL on way forward. There are two service drain issues: 1 – Children's hospital drainage – NHS confirmed the children's hospitals drainage works had been agreed. NHS will raise a CEN 2 – Attenuation. BCL will raise the attenuation issue as a separate EW. NHS confirmed that attenuation works could not be undertaken until post FBC.	1 <sup>st</sup> July 2010
					Attenuation EW to be raised separately.
6733	BCL-EW-019	Purchase of land from Scottish Water	21 <sup>st</sup> April 2010	District Valuer valuation awaited. Land acquisition will be progressed post FBC. Planning application submitted.  Communications have been received from District Valuer, still awaiting report.	
6734	BCL-EW-020	Contamination within Water System	21 <sup>st</sup> April 2010	Contamination issue dealt with.  BCL to check if this EW can be closed off.	
6735	BCL-EW-021	Discovery of Flammable Gas within Ground in Basement	7 <sup>th</sup> May 2010	BCL to provide extract from SI Report re ground gas information. BCL Consultants to produce a report. BCL and Board team to agree to a definition of what is 'significant'. BCL reports that SI stated very minimum pockets of gas however methane had been discovered in 9 out of 12 boreholes. The sampling works information provided by the Board was insufficient. BCL have identified the problem boreholes and they will provide further information. Work in progress.	
6958	BCL-EW-022	Service diversion of street lights on site	21 <sup>st</sup> May 2010	Isolation works completed.	25/06/2010
6959	BCL-EW-023	Design development of the Substation within the car park resulting in a reduction of available parking space.	21 <sup>st</sup> May 2010	PMG agreed this EW should be closed off	25/05/2010

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6960	BCL-EW-024	Roof top Helipad	21 <sup>st</sup> May 2010	Revised report issued 16 <sup>th</sup> June 2010 (reflects proper flight paths and helicopter type). NHS confirmed that GCC Planners satisfied with distance of Helipad from local housing. BCL to instruct Jim Miller to provide report and summary of report findings to Jim Patrick. This EW to be closed off.	10/06/2010
6961	BCL-EW-025	Car Park 1 Conflict with Masterplan	21 <sup>st</sup> May 2010	NHS confirmed no conflict. EW to be closed off.	10/06/2010
6967	BCL-EW-026	External Walls: Copper Cladding to Columns	27 <sup>th</sup> May 2010	NHS to review cost information provided by BCL DR requesting reconciliation cost information re elevations, i.e. block work, granite etc	28/06/2010
6968	BCL-EW-027	Swisslog Robotics (stage 3)	27 <sup>th</sup> May 2010	BCL agreed to put in additional bay. BCL to check if this EW can be closed off.	
6972	BCL-EW-028	Moveable Vertical Fins to Laboratory Pod	2 <sup>nd</sup> June 2010	BCL to provide modeling information and demonstration re moveable fins v's static fins. BCL agreed to provide information by Friday 25 <sup>th</sup> June 2010  BCL indicated potential early cost saving calculation as £150K. NHS to raise PMI and EW to be closed off.  Cross reference with PMI / General / 025	23/07/10
6987	BCL-EW-029	Building Control concerns over sub-compartmentation exits from wards	29 <sup>th</sup> June 2010	Closed – Refers to NHS-EW-015 (6895)	30/06/2010
6993	BCL-EW-030	Proposal to change escape stair and mortuary stair handrails	16 <sup>th</sup> July 2010	Board to consider changing mortuary stair and escape stair handrails to painted stainless steel.  BCL to provide images/photos of painted handrails to NHS team. (DS to provide PM with samples).  Cross reference with PMI / General / 026	
6999	BCL-EW-031	Adult & Children's Hospitals Single Rooms - Bi-fold Doors En-suites.	30 <sup>th</sup> July 2010	Board wish to consider a possible change to their project requirements, with the removal of the bi-fold door arrangement to the en-suite shower rooms.  BCL to trial alternative door solution in mock up.	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6699	NHS-EW-001	Stage D to E Reconciliation	14 January 2010	DH to liaise with Paul Fairie and Manny Ajuwon. Equipment list to be reissued to BCL. The 6 'empty' rooms to be finalised. PS to agree final decision as proposed by DR at PMG  VE for glazed screens to be removed from Stage D to E reconciliation exercise – discussions on going as to glazed screens being a VE item.	
6701	NHS-EW-002	Testing of Building Board Material on Site	21 January 2010	Complete - CE 001 Issued	11/03/2010
6704	NHS-EW-003	Japanese Knotweed Survey	21 January 2010	Complete– CE 002 issued	11/03/2010
6705	NHS-EW-004	Excavated Building Materials/Spoil	21 January 2010	Complete PMI 004 issued CE 003 issued	11/03/2010
6706	NHS-EW-005	Live HV Cable – SGH Site	27 January 2010	Complete - disconnect live HV cable	7/02/2010
6952	NHS-EW-006	Borehole water	15 February 2010	Complete - PMI 020 issued	23/06/10
6953	NHS-EW-007	Adult Hospital – Haemato-Oncology Area	12 <sup>th</sup> March 2010	Complete - PMI 021 issued	23/06/10
6954	NHS-EW-008	Oncology Ward - Specialist ventilation	16 <sup>th</sup> April 2010	Complete - PMI 021 issued	23/06/10
	NHS-EW-009	REF NO – NOT USED			
6955	NHS-EW-010	Site Electrical Load	16 <sup>th</sup> April 2010	Complete - PMI 019 issued	23/06/10
6956	NHS-EW-011	Patient Hoists and Structural Support	16 <sup>th</sup> April 2010	BCL advised of omission of 100 (nr) patient hoist including structural support from wards. Response from BCL awaited by Board.  Board to issue PMI and request costs then close out this EW.  Board to confirm final no's. Work ongoing. PM will issue information.	
	NHS-EW-012	REF NO – NOT USED			
6957	NHS-EW-013	HV Generators	16 <sup>th</sup> April 2010	Closed out - Links to NHS-EW-010. PMI 019 issued	16/06/2010
6981	NHS-EW-014	New Children's Hospital – Theatre Recovery Area	21 <sup>st</sup> June 2010	Closed out – links to PMI/General/022	30 <sup>th</sup> June 2010




6985	NHS-EW-015	Adult & Children's Hospitals Fire Strategy	23 <sup>rd</sup> June 2010	<p>Board wish to understand the BCL programme and plans to take forward the fire strategy</p> <p>Reports been submitted. Compartmentation drawings and fire report (minus atrium) being submitted the following week.</p> <p>Fire report has been submitted, awaiting response from Head of Building Control, BCL will follow up.</p>	
6988	NHS-EW-016	AGV System - Adult and Children's Hospitals	29 <sup>th</sup> June 2010	<p>The Board will require to see the integration of the proposed system in full compliance with the Board's stated requirements and set out within the 1:200 departmental layouts prior to the final sign off of the layouts.</p> <p>Work in progress. DS to liaise with Nightingales.</p> <p>BCL to liaise with Nightingales and provide drawings for review.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
		IT Racks		<p>BCL to raise EW</p> <p>Board team currently mitigating the IT Racks issue. Board will confirm the IT requirements asap.</p> <p>BCL raising an RFI to Board re what is going on the racks</p> <p>AS organising a meeting with IT to discuss IT racks and requirements. DS to provide image of Peterborough data centre to NHS team.</p> <p>Meeting next week to discuss and confirm if EW is required.</p>	
		Vision panels		BCL to raise EW (Value Engineering item)	

**PROJECT MANAGER'S INSTRUCTION**


The following Project Manager's Instructions have been submitted to BCL as at 30/07/2010:

					
Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
323	MB/PM/General/001	Stage 1 Laboratories - Start on Site Date	27th January 2010	Closed out	27/01/2010
324	MB/PMI/General/002	Revision to Contract Assessment Dates	8th February 2010.	Closed out	08/02/2010
325	LAB / PM / General / 003	Laboratory Block – Tunnel Reconfiguration	10th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
326	PMI / General / 004	Excavated Materials / Spoil	23rd February 2010	Closed out	10/03/2010
327	PMI / General / 005	Laboratory Project - Future Expansion	23rd February 2010	Ongoing assessment as part of Stage d to e reconciliation	
328	PMI / General / 006	Laboratory Project - Basement Floor Level	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
329	PMI / General / 007	Laboratory Project - Ventilation to PM tables	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
330	PMI / General / 008	Laboratory - Stage E Civil & Structural Engineering Drawings	9th March 2010	Ongoing assessment as part of Stage d to e reconciliation	
331	PMI / General / 009	Laboratory Project - Relocation of Footprint	10th March 2010	Closed out	10/03/2010
332	PMI / General / 010	Laboratory project – Architectural drawings and NBS Specification	23 <sup>rd</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation. AL 70 series drawings to be confirmed	
333	PMI / General / 011	Laboratory Block – VE Review 1	25 <sup>th</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation M&E updated drawings to be provided	
334	PMI / General / 012	AGV System - Cart Washer	25 <sup>th</sup> March 2010	Cart Washer not required by Board. CE notified by BCL (CE 006) CE accepted by Board	9/06/2010
335	PMI / General / 013	Laboratory Project – Removal of Foundation from Old Rec Pavilion	8 <sup>th</sup> April 2010	Closed out No cost	08/04/2010
336	PMI / General / 014	Laboratory Project – Diversion of Water Main	8 <sup>th</sup> April 2010	CE notified by BCL (CE 004) CE accepted by Board	25/05/2010
337	PMI / General / 015	Removal of Japanese Knotweed (Bunded Area) Off Site	28 <sup>th</sup> April 2010	CE raised by BCL (CE 002) CE accepted by Board	10/06/2010
351	PMI / General / 016	Laboratory - Stage E - Mechanical and Electrical Drawings and Specification	17 <sup>th</sup> May 2010	Confirmation of drawing hierarchy as at 17 <sup>th</sup> May 2010 – stage D to E	
356	PMI / General / 017	Laboratory Block – Mortuary (Basement Level -1) Room L-1/B/027	31 <sup>st</sup> May 2010	CE notified by BCL (CE005) CE accepted by Board	24/06/2010
367	PMI / General / 018	Laboratory Project-Mortuary X Ray Room L1/B/027	17 <sup>th</sup> June 2010	To be read in conjunction with PMI / General / 017 New room layout to be designed Proposal received from Wallace Whittle, BCL to review.	

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
368	PMI/General/019	Change to Electrical Load requirements	23rd June 2010	Linked to NHS-EW-010 and NHS-EW-013. BCL to provide costs. BCL instructed Mercury to provide quotes. BCL reported that they would need to check that the space remains	
369	PMI/General/020	Borehole Water Supply	23rd June 2010	Board reviewing cost information received from BCL CE event raised by BCL. Board pursuing confirmation letter from Business Stream. LM to ask Hugh McDerment to follow up on letter.	
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4676	CE 010	Borehole water supply	7 <sup>th</sup> July 2010	Costs under consideration by NHS

## NEC3 – STATUS UPDATE

## EARLY WARNINGS

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6718	BCL-EW-004	Utilities (11kv Breaker)	10 Feb 2010	Part of Scottish Power Quotation	13/04/2010
6719	BCL-EW-005	Utilities (Moving 11KV Circuit Breakers) – Hospitals	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6720	BCL-EW-006	Utilities (Moving 11KV Circuit Breakers) – Labs	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
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6722	BCL-EW-008	Planning Issues (Labs Render)	4 <sup>th</sup> March 2010	Agreed at EW Meeting 17/06/2010 to close EW out	17/06/2010
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6724	BCL-EW-010	Repositioning of Labs Building	8 <sup>th</sup> March 2010	Cross reference with PMI / General / 008 and PMI / General / 009	10 <sup>th</sup> March 2010 (PMI/General/009) PART OF STAGE E
6725	BCL-EW-011	Water Main within Basement Footprint	9 <sup>th</sup> March 2010	Water main being diverted 13/03/2010	08/04/2010 (PMI/General/014)
6726	BCL-EW-012	Access Road serving the laboratories	19 <sup>th</sup> March 2010	<p>Request for instruction to extend the access road.</p> <p>NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out</p>	10 <sup>th</sup> June 2010

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				Discussion re private or adopted road. PM view that road should be private but built to adoptable road standard. DS agreed to discuss with Jim Miller.  BCL to prepare and submit Section 56 application.	
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6731	BCL-EW-017	Compatibility of the existing Kitchen cart/trolleys and the Proposed AGV Robotic System	15 <sup>th</sup> April 2010	AGV Strategy not signed off by FM. Karen Connelly to attend next meeting to update on all cart issues.	

Sypro ID	NHS Ref No.	Item	Date Raised	Status	Date Completed
6732	BCL-EW-018	Service drain to the side of the Laboratories Building	21 <sup>st</sup> April 2010	Board to review costs and advise BCL on way forward. There are two service drain issues: 1 – Children's hospital drainage – NHS confirmed the children's hospitals drainage works had been agreed. NHS will raise a CEN 2 – Attenuation. BCL will raise the attenuation issue as a separate EW. NHS confirmed that attenuation works could not be undertaken until post FBC.	1 <sup>st</sup> July 2010
					Attenuation EW to be raised separately.  BCL discussions ongoing.
6733	BCL-EW-019	Purchase of land from Scottish Water	21 <sup>st</sup> April 2010	District Valuer valuation awaited. Land acquisition will be progressed post FBC. Planning application submitted.  Communications have been received from District Valuer, still awaiting report.	
6734	BCL-EW-020	Contamination within Water System	21 <sup>st</sup> April 2010	Contamination issue dealt with.  BCL to check if this EW can be closed off.  DMcF agreed this EW should be closed off.	05 <sup>th</sup> August 2010
6735	BCL-EW-021	Discovery of Flammable Gas within Ground in Basement	7 <sup>th</sup> May 2010	BCL to provide extract from SI Report re ground gas information. BCL Consultants to produce a report. BCL and Board team to agree to a definition of what is 'significant'. BCL reports that SI stated very minimum pockets of gas however methane had been discovered in 9 out of 12 boreholes. The sampling works information provided by the Board was insufficient. BCL have identified the problem boreholes and they will provide further information.  Work in progress.	
6958	BCL-EW-022	Service diversion of street lights on site	21 <sup>st</sup> May 2010	Isolation works completed.	25/06/2010
6959	BCL-EW-023	Design development of the Substation within the car park resulting in a reduction of available parking space.	21 <sup>st</sup> May 2010	PMG agreed this EW should be closed off	25/05/2010

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6960	BCL-EW-024	Roof top Helipad	21 <sup>st</sup> May 2010	Revised report issued 16 <sup>th</sup> June 2010 (reflects proper flight paths and helicopter type). NHS confirmed that GCC Planners satisfied with distance of Helipad from local housing. BCL to instruct Jim Miller to provide report and summary of report findings to Jim Patrick. This EW to be closed off.	10/06/2010
6961	BCL-EW-025	Car Park 1 Conflict with Masterplan	21 <sup>st</sup> May 2010	NHS confirmed no conflict. EW to be closed off.	10/06/2010
6967	BCL-EW-026	External Walls: Copper Cladding to Columns	27 <sup>th</sup> May 2010	NHS to review cost information provided by BCL DR requesting reconciliation cost information re elevations, i.e. block work, granite etc	28/06/2010
6968	BCL-EW-027	Swisslog Robotics (stage 3)	27 <sup>th</sup> May 2010	BCL agreed to put in additional bay. BCL to check if this EW can be closed off. DMcF agreed this EW can be closed off.	
6972	BCL-EW-028	Moveable Vertical Fins to Laboratory Pod	2 <sup>nd</sup> June 2010	BCL to provide modeling information and demonstration re moveable fins v's static fins. BCL agreed to provide information by Friday 25 <sup>th</sup> June 2010  BCL indicated potential early cost saving calculation as £150K. NHS to raise PMI and EW to be closed off.  Cross reference with PMI / General / 025	23/07/10
6987	BCL-EW-029	Building Control concerns over sub-compartmentation exits from wards	29 <sup>th</sup> June 2010	Closed – Refers to NHS-EW-015 (6895)	30/06/2010
6993	BCL-EW-030	Proposal to change escape stair and mortuary stair handrails	16 <sup>th</sup> July 2010	Board to consider changing mortuary stair and escape stair handrails to painted stainless steel.  BCL to provide images/photos of painted handrails to NHS team. (DS to provide PM with samples).  Closed - Cross reference with PMI / General / 026	30/07/2010
6999	BCL-EW-031	Adult & Children's Hospitals Single Rooms - Bi-fold Doors En-suites.	30 <sup>th</sup> July 2010	Board wish to consider a possible change to their project requirements, with the removal of the bi-fold door arrangement to the en-suite shower rooms. BCL to trial alternative door solution in mock up.  Two leaf door has been constructed in mock up. User group visits scheduled, following which Board will draft response.	




Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6699	NHS-EW-001	Stage D to E Reconciliation	14 January 2010	DH to liaise with Paul Fairie and Manny Ajuwon. Equipment list to be reissued to BCL. The 6 'empty' rooms to be finalised. PS to agree final decision as proposed by DR at PMG  VE for glazed screens to be removed from Stage D to E reconciliation exercise – discussions on going as to glazed screens being a VE item.	
6701	NHS-EW-002	Testing of Building Board Material on Site	21 January 2010	Complete - CE 001 Issued	11/03/2010
6704	NHS-EW-003	Japanese Knotweed Survey	21 January 2010	Complete– CE 002 issued	11/03/2010
6705	NHS-EW-004	Excavated Building Materials/Spoil	21 January 2010	Complete PMI 004 issued CE 003 issued	11/03/2010
6706	NHS-EW-005	Live HV Cable – SGH Site	27 January 2010	Complete - disconnect live HV cable	7/02/2010
6952	NHS-EW-006	Borehole water	15 February 2010	Complete - PMI 020 issued	23/06/10
6953	NHS-EW-007	Adult Hospital – Haemato-Oncology Area	12 <sup>th</sup> March 2010	Complete - PMI 021 issued	23/06/10
6954	NHS-EW-008	Oncology Ward - Specialist ventilation	16 <sup>th</sup> April 2010	Complete - PMI 021 issued	23/06/10
	NHS-EW-009	REF NO – NOT USED			
6955	NHS-EW-010	Site Electrical Load	16 <sup>th</sup> April 2010	Complete - PMI 019 issued	23/06/10
6956	NHS-EW-011	Patient Hoists and Structural Support	16 <sup>th</sup> April 2010	BCL advised of omission of 100 (nr) patient hoist including structural support from wards. Response from BCL awaited by Board.  Board to issue PMI and request costs then close out this EW.  Board to confirm final no's. Work ongoing. PM will issue information.	
	NHS-EW-012	REF NO – NOT USED			
6957	NHS-EW-013	HV Generators	16 <sup>th</sup> April 2010	Closed out - Links to NHS-EW-010. PMI 019 issued	16/06/2010
6981	NHS-EW-014	New Children's Hospital – Theatre Recovery Area	21 <sup>st</sup> June 2010	Closed out – links to PMI/General/022	30 <sup>th</sup> June 2010

6985	NHS-EW-015	Adult & Children's Hospitals Fire Strategy	23 <sup>rd</sup> June 2010	<p>Board wish to understand the BCL programme and plans to take forward the fire strategy</p> <p>Reports been submitted. Compartmentation drawings and fire report (minus atrium) being submitted the following week.</p> <p>Fire report has been submitted, awaiting response from Head of Building Control, BCL will follow up.</p>	
6988	NHS-EW-016	AGV System - Adult and Children's Hospitals	29 <sup>th</sup> June 2010	<p>The Board will require to see the integration of the proposed system in full compliance with the Board's stated requirements and set out within the 1:200 departmental layouts prior to the final sign off of the layouts.</p> <p>Work in progress. DS to liaise with Nightingales.</p> <p>BCL to liaise with Nightingales and provide drawings for review.</p> <p>Revised layouts have been issued, Board to meet and review.</p>	

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		IT Racks		<p>BCL to raise EW</p> <p>Board team currently mitigating the IT Racks issue. Board will confirm the IT requirements asap.</p> <p>BCL raising an RFI to Board re what is going on the racks</p> <p>AS organising a meeting with IT to discuss IT racks and requirements. DS to provide image of Peterborough data centre to NHS team.</p> <p>Meeting next week to discuss and confirm if EW is required.</p>	
		Vision panels		BCL to raise EW (Value Engineering item)	

**PROJECT MANAGER'S INSTRUCTION**


The following Project Manager's Instructions have been submitted to BCL as at 05/08/2010:

					
Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
323	MB/PM/General/001	Stage 1 Laboratories - Start on Site Date	27th January 2010	Closed out	27/01/2010
324	MB/PMI/General/002	Revision to Contract Assessment Dates	8th February 2010.	Closed out	08/02/2010
325	LAB / PM / General / 003	Laboratory Block – Tunnel Reconfiguration	10th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
326	PMI / General / 004	Excavated Materials / Spoil	23rd February 2010	Closed out	10/03/2010
327	PMI / General / 005	Laboratory Project - Future Expansion	23rd February 2010	Ongoing assessment as part of Stage d to e reconciliation	
328	PMI / General / 006	Laboratory Project - Basement Floor Level	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
329	PMI / General / 007	Laboratory Project - Ventilation to PM tables	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
330	PMI / General / 008	Laboratory - Stage E Civil & Structural Engineering Drawings	9th March 2010	Ongoing assessment as part of Stage d to e reconciliation	
331	PMI / General / 009	Laboratory Project - Relocation of Footprint	10th March 2010	Closed out	10/03/2010
332	PMI / General / 010	Laboratory project – Architectural drawings and NBS Specification	23 <sup>rd</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation. AL 70 series drawings to be confirmed	
333	PMI / General / 011	Laboratory Block – VE Review 1	25 <sup>th</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation M&E updated drawings to be provided	
334	PMI / General / 012	AGV System - Cart Washer	25 <sup>th</sup> March 2010	Cart Washer not required by Board. CE notified by BCL (CE 006) CE accepted by Board	9/06/2010
335	PMI / General / 013	Laboratory Project – Removal of Foundation from Old Rec Pavilion	8 <sup>th</sup> April 2010	Closed out No cost	08/04/2010
336	PMI / General / 014	Laboratory Project – Diversion of Water Main	8 <sup>th</sup> April 2010	CE notified by BCL (CE 004) CE accepted by Board	25/05/2010
337	PMI / General / 015	Removal of Japanese Knotweed (Bunded Area) Off Site	28 <sup>th</sup> April 2010	CE raised by BCL (CE 002) CE accepted by Board	10/06/2010
351	PMI / General / 016	Laboratory - Stage E - Mechanical and Electrical Drawings and Specification	17 <sup>th</sup> May 2010	Confirmation of drawing hierarchy as at 17 <sup>th</sup> May 2010 – stage D to E	
356	PMI / General / 017	Laboratory Block – Mortuary (Basement Level -1) Room L-1/B/027	31 <sup>st</sup> May 2010	CE notified by BCL (CE005) CE accepted by Board	24/06/2010
367	PMI / General / 018	Laboratory Project-Mortuary X Ray Room L1/B/027	17 <sup>th</sup> June 2010	To be read in conjunction with PMI / General / 017 New room layout to be designed Proposal received from Wallace Whittle, BCL to review. BCL review ongoing.	

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6731	BCL-EW-017	Compatibility of the existing Kitchen cart/trolleys and the Proposed AGV Robotic System	15 <sup>th</sup> April 2010	AGV Strategy not signed off by FM. Karen Connelly advised that AGV compatible carts are available from suppliers. Costs and precise numbers of required carts being prepared. Anticipated cost £300k+  BCL to identify a contribution towards the costs of new carts in place of the costs to make carts adaptable.  BCL to arrange workshop to enable full description/presentation of system performance to NHS team.	
6732	BCL-EW-018	Service drain to the side of the Laboratories Building	21 <sup>st</sup> April 2010	Board to review costs and advise BCL on way forward. There are two service drain issues: 1 – Children's hospital drainage – NHS confirmed the children's hospitals drainage works had been agreed. NHS will raise a CEN 2 – Attenuation. BCL will raise the attenuation issue as a separate EW. NHS confirmed that attenuation works could not be undertaken until post FBC.	1 <sup>st</sup> July 2010
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6734	BCL-EW-020	Contamination within Water System	21 <sup>st</sup> April 2010	Contamination issue dealt with.  BCL to check if this EW can be closed off.  DMcF agreed this EW should be closed off.	05 <sup>th</sup> August 2010



Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6735	BCL-EW-021	Discovery of Flammable Gas within Ground in Basement	7 <sup>th</sup> May 2010	BCL to provide extract from SI Report re ground gas information. BCL Consultants to produce a report. BCL and Board team to agree to a definition of what is 'significant'. BCL reports that SI stated very minimum pockets of gas however methane had been discovered in 9 out of 12 boreholes. The sampling works information provided by the Board was insufficient.  BCL have identified the problem boreholes and they will provide further information to DR immediately. Item to be discussed at next meeting.	
6959	BCL-EW-023	Design development of the Substation within the car park resulting in a reduction of available parking space.	21 <sup>st</sup> May 2010	PMG agreed this EW should be closed off	25/05/2010
6960	BCL-EW-024	Roof top Helipad	21 <sup>st</sup> May 2010	Revised report issued 16 <sup>th</sup> June 2010 (reflects proper flight paths and helicopter type). NHS confirmed that GCC Planners satisfied with distance of Helipad from local housing. BCL to instruct Jim Miller to provide report and summary of report findings to Jim Patrick. This EW to be closed off.	10/06/2010
6961	BCL-EW-025	Car Park 1 Conflict with Masterplan	21 <sup>st</sup> May 2010	NHS confirmed no conflict. EW to be closed off.	10/06/2010
6967	BCL-EW-026	External Walls: Copper Cladding to Columns	27 <sup>th</sup> May 2010	NHS to review cost information provided by BCL DR requesting reconciliation cost information re elevations, i.e. block work, granite etc	28/06/2010
6968	BCL-EW-027	Swisslog Robotics (stage 3)	27 <sup>th</sup> May 2010	BCL agreed to put in additional bay. BCL to check if this EW can be closed off. DMcF agreed this EW can be closed off.	
6972	BCL-EW-028	Moveable Vertical Fins to Laboratory Pod	2 <sup>nd</sup> June 2010	BCL to provide modeling information and demonstration re moveable fins v's static fins. BCL agreed to provide information by Friday 25 <sup>th</sup> June 2010  BCL indicated potential early cost saving calculation as £150K. NHS to raise PMI and EW to be closed off.  Cross reference with PMI / General / 025	23/07/10
6987	BCL-EW-029	Building Control concerns over sub-compartmentation exits from wards	29 <sup>th</sup> June 2010	Closed – Refers to NHS-EW-015 (6895)	30/06/2010


Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6993	BCL-EW-030	Proposal to change escape stair and mortuary stair handrails	16 <sup>th</sup> July 2010	<p>Board to consider changing mortuary stair and escape stair handrails to painted stainless steel.</p> <p>BCL to provide images/photos of painted handrails to NHS team. (DS to provide PM with samples).</p> <p>Closed - Cross reference with PMI / General / 026</p>	30/07/2010
7009	BCL-EW-031	Delay in Commencing Demolition works to Stage 3 Site	6 <sup>th</sup> August 2010	<p>Board to provide BCL with asbestos survey information, ongoing isolation of services and other decommissioning information to allow demolitions to commence.</p> <p>NHS have provided Asbestos Survey information to BCL re residencies A, B and D, Library and Walton Building. NHS will progress remaining isolations. Services survey completed and gas main identified – traced as only servicing the catering building.</p>	

## Potential Early Warnings to be raised by BCL

		External Windows (Tower) – Addition of obscure film to windows		<p>Suggested at User Group meeting that Board may wish to explore the addition of obscure film to windows. BCL confirmed this would be an additional cost. AS confirmed that Board would not be pursuing the addition of obscure film to windows as the windows will have interstitial blinds. NHS to confirm if window cills to be raised/windows to be made smaller.</p> <p>BCL to ensure that NHS Team involved in interstitial blinds to ensure they can be appropriately maintained.</p> <p>BCL to provide sight-line from the head of a person lying in bed.</p> <p>BCL to arrange meeting with Structural.</p>	
		Slanted cills/Secondary glazing flush windows		NHS confirmed that this item specifically relates to theatres. KC confirmed that the Theatres cannot have any ledges which would allow dust to collect. NHS reported that it is responsibility of BCL to comply with HAI.	

		Boxing Out – Media Panels		NHS team confirmed that this item relates specifically to the Renal ward as plans show 8 bed heads against the curtain walling. The bed heads will need to be able to be serviced. Design Development proposed boxing out as a way of achieving requirements (this is not a change to the Board's Requirements).	
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The following Early Warnings have been submitted to BCL as at 12/08/2010


					
Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6699	NHS-EW-001	Stage D to E Reconciliation	14 January 2010	DH to liaise with Paul Fairie and Manny Ajuwon. Equipment list to be reissued to BCL. The 6 'empty' rooms to be finalised. PS to agree final decision as proposed by DR at PMG  VE for glazed screens to be removed from Stage D to E reconciliation exercise – discussions on going as to glazed screens being a VE item.	
6701	NHS-EW-002	Testing of Building Board Material on Site	21 January 2010	Complete - CE 001 Issued	11/03/2010
6704	NHS-EW-003	Japanese Knotweed Survey	21 January 2010	Complete – CE 002 issued	11/03/2010
6705	NHS-EW-004	Excavated Building Materials/Spoil	21 January 2010	Complete PMI 004 issued CE 003 issued	11/03/2010
6706	NHS-EW-005	Live HV Cable – SGH Site	27 January 2010	Complete - disconnect live HV cable	7/02/2010
6952	NHS-EW-006	Borehole water	15 February 2010	Complete - PMI 020 issued	23/06/10
6953	NHS-EW-007	Adult Hospital – Haemato-Oncology Area	12 <sup>th</sup> March 2010	Complete - PMI 021 issued	23/06/10
6954	NHS-EW-008	Oncology Ward - Specialist ventilation	16th April 2010	Complete - PMI 021 issued	23/06/10
	NHS-EW-009	REF NO – NOT USED			
6955	NHS-EW-010	Site Electrical Load	16th April 2010	Complete - PMI 019 issued	23/06/10
6956	NHS-EW-011	Patient Hoists and Structural Support	16 <sup>th</sup> April 2010	BCL advised of omission of 100 (nr) patient hoist including structural support from wards. Response from BCL awaited by Board.  Board to issue PMI and request costs then close out this EW.	10/08/2010  Links to PMI/General/027

				Board to confirm final no's. Work ongoing. PM will issue information.	
	NHS-EW-012	REF NO – NOT USED			
6957	NHS-EW-013	HV Generators	16 <sup>th</sup> April 2010	Closed out - Links to NHS-EW-010. PMI 019 issued	16/06/2010
6981	NHS-EW-014	New Children's Hospital – Theatre Recovery Area	21 <sup>st</sup> June 2010	Closed out – links to PMI/General/022	30 <sup>th</sup> June 2010
6985	NHS-EW-015	Adult & Children's Hospitals Fire Strategy	23 <sup>rd</sup> June 2010	<p>Board wish to understand the BCL programme and plans to take forward the fire strategy</p> <p>Reports been submitted. Compartmentation drawings and fire report (minus atrium) being submitted the following week.</p> <p>Fire report has been submitted, awaiting response from Head of Building Control. BCL met with Raymond Barlow and progressing.</p>	
7010	NHS-EW-016	Appendix K Review and Programme	10 <sup>th</sup> August 2010	<p>Attend meeting to discuss and agree simplified process to ensure App K review completed within the timescale leading up to FBC and allow the Board adequate time to consider and review information.</p> <p>Board confirmed that they are not receiving the final documents for formal sign-off. Board required clarity of what needs signed off before FBC and focus on that is essential.</p>	
6999	NHS-EW-017	Adult & Children's Hospitals Single Rooms - Bi-fold Doors En-suites.	30 <sup>th</sup> July 2010	<p>Board wish to consider a possible change to their project requirements, with the removal of the bi-fold door arrangement to the en-suite shower rooms. BCL to trial alternative door solution in mock up.</p> <p>Two leaf door has been constructed in mock up. User group visits scheduled, following which Board will draft response. BCL to provide two leaf door option costs.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6988	NHS-EW-018	AGV System - Adult and Children's Hospitals	29 <sup>th</sup> June 2010	<p>The Board will require to see the integration of the proposed system in full compliance with the Board's stated requirements and set out within the 1:200 departmental layouts prior to the final sign off of the layouts.</p> <p>Work in progress. DS to liaise with Nightingales.</p> <p>BCL to liaise with Nightingales and provide drawings for review.</p> <p>Final layout plans awaited for formal sign-off by Board team. Clarification awaited from BCL re area allocated for AGV holds (differences in areas from floor to floor). Clarification awaited from BCL re impact on Fire Escape travel distance in light of recent AGV change (i.e. blocking up a door)</p>	
		IT Racks		<p>BCL to raise EW</p> <p>Board team currently mitigating the IT Racks issue. Board will confirm the IT requirements asap.</p> <p>BCL raising an RFI to Board re what is going on the racks</p> <p>AS organising a meeting with IT to discuss IT racks and requirements. DS to provide image of Peterborough data centre to NHS team.</p> <p>Meeting next week to discuss and confirm if EW is required.</p>	
		Vision panels		BCL to raise EW (Value Engineering item)	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BCL as at 12/08/2010:


					
Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
323	MB/PM/General/001	Stage 1 Laboratories - Start on Site Date	27th January 2010	Closed out	27/01/2010
324	MB/PMI/General/002	Revision to Contract Assessment Dates	8th February 2010.	Closed out	08/02/2010
325	LAB / PM / General / 003	Laboratory Block – Tunnel Reconfiguration	10th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
326	PMI / General / 004	Excavated Materials / Spoil	23rd February 2010	Closed out	10/03/2010
327	PMI / General / 005	Laboratory Project - Future Expansion	23rd February 2010	Ongoing assessment as part of Stage d to e reconciliation	
328	PMI / General / 006	Laboratory Project - Basement Floor Level	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
329	PMI / General / 007	Laboratory Project - Ventilation to PM tables	26th February 2010	Ongoing assessment as part of Stage d to e reconciliation	
330	PMI / General / 008	Laboratory - Stage E Civil & Structural Engineering Drawings	9th March 2010	Ongoing assessment as part of Stage d to e reconciliation	
331	PMI / General / 009	Laboratory Project - Relocation of Footprint	10th March 2010	Closed out	10/03/2010
332	PMI / General / 010	Laboratory project – Architectural drawings and NBS Specification	23 <sup>rd</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation. AL 70 series drawings to be confirmed	
333	PMI / General / 011	Laboratory Block – VE Review 1	25 <sup>th</sup> March 2010	Ongoing assessment as part of Stage d to e reconciliation M&E updated drawings to be provided	
334	PMI / General / 012	AGV System - Cart Washer	25 <sup>th</sup> March 2010	Cart Washer not required by Board. CE notified by BCL (CE 006) CE accepted by Board	9/06/2010
335	PMI / General / 013	Laboratory Project – Removal of Foundation from Old Rec Pavilion	8 <sup>th</sup> April 2010	Closed out No cost	08/04/2010
336	PMI / General / 014	Laboratory Project – Diversion of Water Main	8 <sup>th</sup> April 2010	CE notified by BCL (CE 004) CE accepted by Board	25/05/2010
337	PMI / General / 015	Removal of Japanese Knotweed (Bunded Area) Off Site	28 <sup>th</sup> April 2010	CE raised by BCL (CE 002) CE accepted by Board	10/06/2010
351	PMI / General / 016	Laboratory - Stage E - Mechanical and Electrical Drawings and Specification	17 <sup>th</sup> May 2010	Confirmation of drawing hierarchy as at 17 <sup>th</sup> May 2010 – stage D to E	
356	PMI / General / 017	Laboratory Block – Mortuary (Basement Level -1) Room L-1/B/027	31 <sup>st</sup> May 2010	CE notified by BCL (CE005) CE accepted by Board	24/06/2010
367	PMI / General / 018	Laboratory Project-Mortuary X Ray Room L1/B/027	17 <sup>th</sup> June 2010	To be read in conjunction with PMI / General / 017 New room layout to be designed Proposal received from Wallace Whittle, BCL to review. BCL review ongoing.	

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
368	PMI/General/019	Change to Electrical Load requirements	23rd June 2010	Linked to NHS-EW-010 and NHS-EW-013. BCL to provide costs. BCL instructed Mercury to provide quotes. BCL reported that they would need to check that the space remains. BCL confirmed costs uploaded to SYpro for review by NHS team.	
369	PMI/General/020	Borehole Water Supply	23rd June 2010	Board reviewing cost information received from BCL CE event raised by BCL. Board pursuing confirmation letter from Business Stream. LM to ask Hugh McDerment to follow up on letter. NHS Team to progress	
370	PMI/General/021	HAEMATO-ONCOLOGY WARD	23rd June 2010	Links to NHS-EW-007 and NHS-EW-008 BCL to provide an indication of the cost saving to remove the additional filtration to the 8 No rooms and ensuites. Discussion ongoing to clarify where filtration removal would occur i.e. in each room or at a central point. If filtration removal is from each room then cost saving 8 x £800. BCL will confirm.	
375	PMI/General/022	New Children's Hospital – Theatre Recovery Area	30 <sup>th</sup> June 2010	Links to NHS-EW-014 (Sypro 6981) Board confirmed that they no longer require fixed solid partition walls between recovery bays (17 bays). BCL to provide updated 1:50 theatre plans and provide costs. Work in progress.	
381	PMI / General /023	Stage 3 Adult Hospital CCU Bed Bay Dividers	8 <sup>th</sup> July 2010	BCL to provide revised layout omitting single bed bay glass screens for approval by the Board team BCL to provide cost saving for the removal BCL to provide drawing for review – work in progress.	
383	PMI/General/024	Laboratory Block – Fire Alarm Cable	09 <sup>th</sup> July 2010	BCL to provide costs to substitute Prysmian FP200 plus cable system in lieu of MICCE cable system. Cost uploaded to notes section by BCL and under review by NHS team Agreed PMI to be closed off. Cost saving circa £40k	12/08/2010

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
384	PMI/General/025	Laboratory Project – Fixed Sun-shading Fins	23 <sup>rd</sup> July 2010	Links to BCL-EW-028 Board confirmed that Brookfield may proceed and install fixed sun shading fins to the office pod of the Laboratory Block in lieu of moveable fins. Agreed PMI to be closed off	12/08/2010
386	PMI/General/026	Laboratory Block Fire Stair Handrails and Balustrades.	30 <sup>th</sup> July 2010	Links to BCL-EW-030 BCL to provide potential VE saving if handrails and balustrades within the fire stairs are changed from stainless steel to mild steel painted.	
391	PMI/General/027	New Adult and Children's Hospital Ceiling Mounted Hoist requirements	10 <sup>th</sup> August 2010	Links to NHS EW 011 (Sypro 6956) Board confirmed specifications and numbers of patient hoist requirements. BCL to provide cost.  Discussed whether this item would be a VE. NHS team confirmed that this would not be a VE and would be a change to target price.	

### COMPENSATION EVENTS

The following Compensation Events have been submitted as at 12/08/2010:


						
Sypro ID No	NHS Ref No	Item	Date Issued	Status		
4294	CE 001	Removal of Asbestos Building Board	10 <sup>th</sup> March 2010	Agreed		
4295	CE 002	Removal of Japanese Knotweed	10 <sup>th</sup> March 2010	Agreed		
4296	CE 003	Removal of Excess Spoil	10 <sup>th</sup> March 2010	Agreed		
4451	CE 004	Water Main within Basement Footprint	25 <sup>th</sup> May 2010	Agreed		
4501	CE 005	PMI / General / 017 - Laboratory Block - Mortuary (Basement Level -1) Room L-1/B/027	3 <sup>rd</sup> June 2010	Agreed		
4528	CE 006	AGV System - Cart Washer Removal	9 <sup>th</sup> June 2010	Agreed		
4632	CE 007	Labs Project - Copper Cladding to external columns	28 <sup>th</sup> June 2010	Agreed		
4660	CE 008	Kitchen Relocation from level 3 to Basement	02 <sup>nd</sup> July 2010	Agreed		
4661	CE 009	Service drain to the side of the Laboratories Building (BCL-EW-018) Sypro 6732	02 <sup>nd</sup> July 2010	Agreed		
4676	CE 010	Borehole water supply	7 <sup>th</sup> July 2010	Costs under consideration by NHS		



## NEC3 – STATUS UPDATE

## EARLY WARNINGS

The following Early Warnings have been submitted to the NHS Board as at 25/08/2010:

<div>  </div>					
Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6715	BCL-EW-001	Brookfield Value Engineering Items	13 January 2010	Value impact work in progress Focus on Tunnel Arrangement – Pack received by Board 01/02/2010	10/02/2010 (PM PMI 003)
6716	BCL-EW-002	Mobile Phone Mast Location	8 <sup>th</sup> February 2010	Agreement in principle re Scottish Water Land Acquisition. Works on-going to purchase land. EW to be closed out	22/07/2010
6717	BCL-EW-003	Utilities (1MVA) Power	10 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6718	BCL-EW-004	Utilities (11kv Breaker)	10 Feb 2010	Part of Scottish Power Quotation	13/04/2010
6719	BCL-EW-005	Utilities (Moving 11KV Circuit Breakers) – Hospitals	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6720	BCL-EW-006	Utilities (Moving 11KV Circuit Breakers) – Labs	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6721	BCL-EW-007	Discovery of Foundations and Brickwork (Labs Site)	3 <sup>rd</sup> March 2010	Dunne's have removed foundations and brickwork.	8/04/2010 (PMI/General/013)
6722	BCL-EW-008	Planning Issues (Labs Render)	4 <sup>th</sup> March 2010	Agreed at EW Meeting 17/06/2010 to close EW out	17/06/2010
6723	BCL-EW-009	Planning Issues (Adult and Children's Render)	5 <sup>th</sup> March 2010	<p>BCL worked with Planning Dept to identify agreeable finishes. Indicative costs circa £500k and would like the Board to contribute to the cost. BCL progressed to ensure there was no delay to Planning.</p> <p>BCL to provide info re costs and % share requested from Board for AS to present to RC.</p> <p>Planners still to agree elevations. NHS team to be more involved in the design process re frontage and landscaping. NHS to be provided with any iterations of the frontage.</p> <p>Should be resolved by End September (Planning Process)</p>	
6724	BCL-EW-010	Repositioning of Labs Building	8 <sup>th</sup> March 2010	Cross reference with PMI / General / 008 and PMI / General / 009	10 <sup>th</sup> March 2010 (PMI/General/009) PART OF STAGE E

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6725	BCL-EW-011	Water Main within Basement Footprint	9 <sup>th</sup> March 2010	Water main being diverted 13/03/2010	08/04/2010 (PMI/General/014)
6726	BCL-EW-012	Access Road serving the laboratories	19 <sup>th</sup> March 2010	Request for instruction to extend the access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10 <sup>th</sup> June 2010
6727	BCL-EW-013	Laboratories Tunnel	29 <sup>th</sup> March 2010	Request to construct the Labs tunnel beyond the extents of the new access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10 <sup>th</sup> June 2010
6728	BCL-EW-014	Increase in Building Control Fees	14 <sup>th</sup> April 2010	BCL submitted Building Warrant Application. Expectation that receiving building warrant locks design into current legislation.  BCL identifying impending changes to legislation for discussion with the NHS team.  BCL negotiations with GCC to be concluded by 15 <sup>th</sup> July 2010.  Work ongoing by BCL. Early indication cost circa £1.1m. BCL working to reduce this cost (hopefully down to £750k) by pursuing agreement for WSP self certification.	

Sypro ID	NHS Ref No.	Item	Date Raised	Status	Date Completed
6729	BCL-EW-015	Junctions at Govan Road	14 <sup>th</sup> April 2010	NHS confirmed that SW have advised that they are unwilling to alter their junctions at Govan Road. WSP to be asked if GCC can serve a left turn only enforcement notice on SW.  Junction information indicated on Masterplan submitted end April and VISSIM model shows no impact on junction. RCC will conclude this issue.	
				Discussion re private or adopted road. PM view that road should be private but built to adoptable road standard. DS agreed to discuss with Jim Miller.  BCL to be instructed not to submit Section 56 application and instead do RCC.  BCL furthering RCC discussions with GCC. Breaking down RCC into sequences.  BCL are in process of identifying items for Section 56 which Board needs to undertake.	
6730	BCL-EW-016	Kitchen Relocation from level 3 to Basement	14 <sup>th</sup> April 2010	NHS team obtaining still to obtain formal Board sign off however AS confirmed that BCL can undertake kitchen relocation from level 3 to the basement. NHS will raise a CEN.	1 <sup>st</sup> July 2010
6731	BCL-EW-017	Compatibility of the existing Kitchen cart/trolleys and the Proposed AGV Robotic System	15 <sup>th</sup> April 2010	AGV Strategy not signed off by FM. Karen Connelly advised that AGV compatible carts are available from suppliers. Costs and precise numbers of required carts being prepared. Anticipated cost £300k+  BCL to identify a contribution towards the costs of new carts in place of the costs to make carts adaptable.  BCL in discussion with Swisslog re Compliance of their original design. BCL meeting with Swisslog next week to go through AGV Strategy and will organise a workshop session with the NHS thereafter.	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6732	BCL-EW-018	Service drain to the side of the Laboratories Building	21 <sup>st</sup> April 2010	Board to review costs and advise BCL on way forward. There are two service drain issues: 1 – Children's hospital drainage – NHS confirmed the children's hospitals drainage works had been agreed. NHS will raise a CEN 2 – Attenuation. BCL will raise the attenuation issue as a separate EW. NHS confirmed that attenuation works could not be undertaken until post FBC.	1 <sup>st</sup> July 2010  Attenuation EW to be raised separately.  BCL discussions ongoing.
6733	BCL-EW-019	Purchase of land from Scottish Water	21 <sup>st</sup> April 2010	Valuation received from District Valuer which is within budget. CLO progressing purchase of land. NHS will need to prepare a title plan. The Project will need to provide Scottish Water with a new access road.	
6734	BCL-EW-020	Contamination within Water System	21 <sup>st</sup> April 2010	Contamination issue dealt with.  BCL to check if this EW can be closed off.  DMcF agreed this EW should be closed off.	05 <sup>th</sup> August 2010
6735	BCL-EW-021	Discovery of Flammable Gas within Ground in Basement	7 <sup>th</sup> May 2010	BCL to provide extract from SI Report re ground gas information. BCL Consultants to produce a report. BCL and Board team to agree to a definition of what is 'significant'. BCL reports that SI stated very minimum pockets of gas however methane had been discovered in 9 out of 12 boreholes. The sampling works information provided by the Board was insufficient.  BCL have identified the problem boreholes and they will provide further information to DR immediately.  BCL have met with Stent. Stent confirmed that they are still requesting cost. Information to be provided to DR asap.	
6959	BCL-EW-023	Design development of the Substation within the car park resulting in a reduction of available parking space.	21 <sup>st</sup> May 2010	PMG agreed this EW should be closed off	25/05/2010

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6960	BCL-EW-024	Roof top Helipad	21 <sup>st</sup> May 2010	Revised report issued 16 <sup>th</sup> June 2010 (reflects proper flight paths and helicopter type). NHS confirmed that GCC Planners satisfied with distance of Helipad from local housing. BCL to instruct Jim Miller to provide report and summary of report findings to Jim Patrick. This EW to be closed off.	10/06/2010
6961	BCL-EW-025	Car Park 1 Conflict with Masterplan	21 <sup>st</sup> May 2010	NHS confirmed no conflict. EW to be closed off.	10/06/2010
6967	BCL-EW-026	External Walls: Copper Cladding to Columns	27 <sup>th</sup> May 2010	NHS to review cost information provided by BCL DR requesting reconciliation cost information re elevations, i.e. block work, granite etc	28/06/2010
6968	BCL-EW-027	Swisslog Robotics (stage 3)	27 <sup>th</sup> May 2010	BCL agreed to put in additional bay. BCL to check if this EW can be closed off. DMcF agreed this EW can be closed off.	
6972	BCL-EW-028	Moveable Vertical Fins to Laboratory Pod	2 <sup>nd</sup> June 2010	BCL to provide modeling information and demonstration re moveable fins v's static fins. BCL agreed to provide information by Friday 25 <sup>th</sup> June 2010  BCL indicated potential early cost saving calculation as £150K. NHS to raise PMI and EW to be closed off.  Cross reference with PMI / General / 025	23/07/10
6987	BCL-EW-029	Building Control concerns over sub-compartmentation exits from wards	29 <sup>th</sup> June 2010	Closed – Refers to NHS-EW-015 (6895)	30/06/2010
6993	BCL-EW-030	Proposal to change escape stair and mortuary stair handrails	16 <sup>th</sup> July 2010	Board to consider changing mortuary stair and escape stair handrails to painted stainless steel.  Closed - Cross reference with PMI / General / 026	30/07/2010
7009	BCL-EW-031	Delay in Commencing Demolition works to Stage 3 Site	6 <sup>th</sup> August 2010	Board to provide BCL with asbestos survey information, ongoing isolation of services and other decommissioning information to allow demolitions to commence.  NHS have provided Asbestos Survey information to BCL re residencies A, B and D, Library and Walton Building. NHS will progress remaining isolations. Services survey completed and gas main identified – traced as only servicing the catering building.	

7010	BCL-EW-032	Discovery of Existing Gas Pipe Running Through Site	13 <sup>th</sup> August 2010	<p>An existing gas main has been discovered running through the Labs site. Further investigations are being undertaken by the Board to determine exact routing.</p> <p>NHS Team confirmed that arrangements to cap and terminate pipe would be made once old kitchen is closed down and confirmation received that new kitchen is fully operational.</p>	
7014	BCL-EW-033	External Windows (Tower) – Addition of obscure film to windows	18 <sup>th</sup> August 2010	<p>Suggested at User Group meeting that Board may wish to explore the addition of obscure film to windows. BCL confirmed this would be an additional cost of circa £210,000.00. AS confirmed that Board would not be pursuing the addition of obscure film to windows as the windows will have interstitial blinds.</p> <p>NHS to confirm if window sills to be raised/windows to be made smaller.</p> <p>BCL to ensure that NHS Team involved in interstitial blinds to ensure they can be appropriately maintained.</p> <p>BCL to provide sight-line from the head of a person lying in bed.</p> <p>BCL to arrange meeting with Structal.</p>	18/08/2010
7018	BCL-EW-034	Potential Value Engineering M & E items for consideration	19 <sup>th</sup> August 2010	NHS reviewing list	
7020	BCL-EW-035	Revised lift strategy for Adult & Children	23 <sup>rd</sup> August 2010	NHS reviewing proposal. BCL to provide drawing/key to location of lift cores.	

		IT Racks		<p>BCL to raise EW Board team currently mitigating the IT Racks issue. Board will confirm the IT requirements asap. BCL raising an RFI to Board re what is going on the racks AS organising a meeting with IT to discuss IT racks and requirements. DS to provide image of Peterborough data centre to NHS team.</p> <p>Meeting next week to discuss and confirm if EW is required.</p>	
		Vision panels		BCL to raise EW (Value Engineering item)	
		Ground contamination (remainder of site)		<p>2 hot spot areas (asbestos and fluorocarbon) have been identified. Potential for problems from SEPA. Ground gases identified and proposing to deal with on an on-going basis.</p> <p>Long chain hydro-carbons have been identified in 1 borehole and CO has been identified in a borehole at the Energy Centre location. WSP obtained readings consistently above 10% - concern raised that may be getting closer to the centre of increased gases.</p> <p>New directive indicated that GCC may refer ground gas and oil issue to SEPA.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6699	NHS-EW-001	Stage D to E Reconciliation	14 January 2010	Agreed to close out. Refer to CE 010	18/08/2010
6701	NHS-EW-002	Testing of Building Board Material on Site	21 January 2010	Complete - CE 001 Issued	11/03/2010
6704	NHS-EW-003	Japanese Knotweed Survey	21 January 2010	Complete- CE 002 issued	11/03/2010
6705	NHS-EW-004	Excavated Building Materials/Spoil	21 January 2010	Complete - PMI 004 issued, CE 003 issued	11/03/2010
6706	NHS-EW-005	Live HV Cable – SGH Site	27 January 2010	Complete - disconnect live HV cable	7/02/2010
6952	NHS-EW-006	Borehole water	15 February 2010	Complete - PMI 020 issued	23/06/10
6953	NHS-EW-007	Adult Hospital – Haemato-Oncology Area	12 <sup>th</sup> March 2010	Complete - PMI 021 issued	23/06/10
6954	NHS-EW-008	Oncology Ward - Specialist ventilation	16th April 2010	Complete - PMI 021 issued	23/06/10
	NHS-EW-009	REF NO – NOT USED			
6955	NHS-EW-010	Site Electrical Load	16th April 2010	Complete - PMI 019 issued	23/06/10
6956	NHS-EW-011	Patient Hoists and Structural Support	16 <sup>th</sup> April 2010	Refer to PMI 027 issued	10/08/2010
	NHS-EW-012	REF NO – NOT USED			
6957	NHS-EW-013	HV Generators	16 <sup>th</sup> April 2010	Closed out - Links to NHS-EW-010. PMI 019 issued	16/06/2010
6981	NHS-EW-014	New Children's Hospital – Theatre Recovery Area	21 <sup>st</sup> June 2010	Closed out – links to PMI/General/022	30 <sup>th</sup> June 2010
6985	NHS-EW-015	Adult & Children's Hospitals Fire Strategy	23 <sup>rd</sup> June 2010	<p>Board wish to understand the BCL programme and plans to take forward the fire strategy</p> <p>Reports been submitted. Compartmentation drawings and fire report (minus atrium) being submitted the following week.</p> <p>Fire report has been submitted, awaiting response from Head of Building Control. BCL meeting with Raymond Barlow on 19<sup>th</sup> August.</p> <p>BCL identified worst case scenario and potential solutions i.e. installing an extra set of doors, fire curtain. NHS requested that consideration be given to potential issue of someone being hurt if standing below the fire curtain when the alarm goes off.</p>	



Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
7010	NHS-EW-016	Appendix K Review and Programme	10 <sup>th</sup> August 2010	<p>Attend meeting to discuss and agree simplified process to ensure App K review completed within the timescale leading up to FBC and allow the Board adequate time to consider and review information.</p> <p>Board confirmed that they are not receiving the final documents for formal sign-off. Board required clarity of what needs signed off before FBC and focus on that is essential.</p> <p>BCL (DB) agreed to issue Appendix K list and tracker by the following day.</p>	
6999	NHS-EW-017	Adult & Children's Hospitals Single Rooms - Bi-fold Doors En-suites.	30 <sup>th</sup> July 2010	<p>Board wish to consider a possible change to their project requirements, with the removal of the bi-fold door arrangement to the en-suite shower rooms.</p> <p>BCL to trial alternative door solution in mock up.</p> <p>Two leaf door has been constructed in mock up. User group visits scheduled, following which Board will draft response. BCL to provide two leaf door option costs.</p>	
6988	NHS-EW-018	AGV System - Adult and Children's Hospitals	29 <sup>th</sup> June 2010	<p>The Board will require to see the integration of the proposed system in full compliance with the Board's stated requirements and set out within the 1:200 departmental layouts prior to the final sign off of the layouts.</p> <p>BCL to liaise with Nightingales and provide drawings for review.</p> <p>Final layout plans awaited for formal sign-off by Board team. Clarification awaited from BCL re area allocated for AGV holds (differences in areas from floor to floor). Clarification awaited from BCL re impact on Fire Escape travel distance in light of recent AGV change (i.e. blocking up a door).</p> <p>KC has reviewed drawings. Agreed to close off the EW.</p>	18/08/2010

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BCL as at 25/08/2010:


Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
323	MB/PM/General/001	Stage 1 Laboratories - Start on Site Date	27th January 2010	Closed out	27/01/2010
324	MB/PMI/General/002	Revision to Contract Assessment Dates	8th February 2010.	Closed out	08/02/2010
325	LAB / PM / General / 003	Laboratory Block – Tunnel Reconfiguration	10th February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
326	PMI / General / 004	Excavated Materials / Spoil	23rd February 2010	Closed out	10/03/2010
327	PMI / General / 005	Laboratory Project - Future Expansion	23rd February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
328	PMI / General / 006	Laboratory Project - Basement Floor Level	26th February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
329	PMI / General / 007	Laboratory Project - Ventilation to PM tables	26th February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
330	PMI / General / 008	Laboratory - Stage E Civil & Structural Engineering Drawings	9th March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
331	PMI / General / 009	Laboratory Project - Relocation of Footprint	10th March 2010	Closed out	10/03/2010
332	PMI / General / 010	Laboratory project – Architectural drawings and NBS Specification	23 <sup>rd</sup> March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
333	PMI / General / 011	Laboratory Block – VE Review 1	25 <sup>th</sup> March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
334	PMI / General / 012	AGV System - Cart Washer	25 <sup>th</sup> March 2010	Cart Washer not required by Board. CE notified by BCL (CE 006) CE accepted by Board	9/06/2010
335	PMI / General / 013	Laboratory Project – Removal of Foundation from Old Rec Pavilion	8 <sup>th</sup> April 2010	Closed out No cost	08/04/2010
336	PMI / General / 014	Laboratory Project – Diversion of Water Main	8 <sup>th</sup> April 2010	CE notified by BCL (CE 004) CE accepted by Board	25/05/2010
337	PMI / General / 015	Removal of Japanese Knotweed (Bunded Area) Off Site	28 <sup>th</sup> April 2010	CE raised by BCL (CE 002) CE accepted by Board	10/06/2010
351	PMI / General / 016	Laboratory - Stage E - Mechanical and Electrical Drawings and Specification	17 <sup>th</sup> May 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
356	PMI / General / 017	Laboratory Block – Mortuary (Basement Level -1) Room L-1/B/027	31 <sup>st</sup> May 2010	CE notified by BCL (CE005) CE accepted by Board	24/06/2010
367	PMI / General / 018	Laboratory Project-Mortuary X Ray Room L1/B/027	17 <sup>th</sup> June 2010	To be read in conjunction with PMI / General / 017  Board to progress change through internal change control process. Board to raise CE once approved.	

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
368	PMI/General/019	Change to Electrical Load requirements	23rd June 2010	Linked to NHS-EW-010 and NHS-EW-013. BCL instructed Mercury to provide quotes. BCL reported that they would need to check that the space remains. BCL confirmed costs uploaded to Sypro. NHS team reviewed. BCL requested that Mercury undertake a further review. Current cost estimate £260,000.	
369	PMI/General/020	Borehole Water Supply	23rd June 2010	Board reviewing cost information received from BCL CE event raised by BCL. Board pursuing confirmation letter from Business Stream. Confirmation letter received. NHS to upload to Sypro. GW to review costs	
370	PMI/General/021	HAEMATO-ONCOLOGY WARD	23rd June 2010	Links to NHS-EW-007 and NHS-EW-008 BCL to provide an indication of the cost saving to remove the additional filtration to the 8 No rooms and ensuites. Discussion ongoing to clarify where filtration removal would occur i.e. in each room or at a central point. BCL confirmed cost saving as 8 x £800. NHS Team to confirm change to requirements.	
375	PMI/General/022	New Children's Hospital – Theatre Recovery Area	30 <sup>th</sup> June 2010	Links to NHS-EW-014 (Sypro 6981) Board confirmed that they no longer require fixed solid partition walls between recovery bays (17 bays). BCL to provide updated 1:50 theatre plans and provide costs. BCL provided costs for review by NHS Team.	
381	PMI / General /023	Stage 3 Adult Hospital CCU Bed Bay Dividers	8 <sup>th</sup> July 2010	BCL to provide revised layout omitting single bed bay glass screens for approval by the Board team BCL provided costs info which is under review by NHS team. BCL to provide drawing for review – work in progress. Early estimate of cost saving is £124.079.08	
383	PMI/General/024	Laboratory Block – Fire Alarm Cable	09 <sup>th</sup> July 2010	BCL to provide costs to substitute Prysmian FP200 plus cable system in lieu of MICCE cable system. Cost uploaded to notes section by BCL and under review by NHS team Agreed PMI to be closed off. Cost saving circa £40k	12/08/2010

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
384	PMI/General/025	Laboratory Project – Fixed Sun-shading Fins	23 <sup>rd</sup> July 2010	Links to BCL-EW-028 Board confirmed that Brookfield may proceed and install fixed sun shading fins to the office pod of the Laboratory Block in lieu of moveable fins. Agreed PMI to be closed off	12/08/2010
386	PMI/General/026	Laboratory Block Fire Stair Handrails and Balustrades.	30 <sup>th</sup> July 2010	Links to BCL-EW-030 BCL to provide potential VE saving if handrails and balustrades within the fire stairs are changed from stainless steel to mild steel painted.	
391	PMI/General/027	New Adult and Children's Hospital Ceiling Mounted Hoist requirements	10 <sup>th</sup> August 2010	Links to NHS EW 011 (Sypro 6956) Board confirmed specifications and numbers of patient hoist requirements. BCL to provide cost.  Discussed whether this item would be a VE. NHS team confirmed that this would not be a VE and would be a change to target price.  Board to confirm specification. BCL to consider RFI clarification re previous structural reduction however Equipment reduction to be based on bid doc.	

## COMPENSATION EVENTS


The following Compensation Events have been submitted as at 25/08/2010:

				
Sypro ID No	NHS Ref No	Item	Date Issued	Status
4294	CE 001	Removal of Asbestos Building Board	10th March 2010	Agreed
4295	CE 002	Removal of Japanese Knotweed	10th March 2010	Agreed
4296	CE 003	Removal of Excess Spoil	10th March 2010	Agreed
4451	CE 004	Water Main within Basement Footprint	25 <sup>th</sup> May 2010	Agreed
4501	CE 005	PMI / General / 017 - Laboratory Block - Mortuary (Basement Level -1) Room L-1/B/027	3 <sup>rd</sup> June 2010	Agreed
4528	CE 006	AGV System - Cart Washer Removal	9 <sup>th</sup> June 2010	Agreed
4632	CE 007	Labs Project - Copper Cladding to external columns	28 <sup>th</sup> June 2010	Agreed
4660	CE 008	Kitchen Relocation from level 3 to Basement	02 <sup>nd</sup> July 2010	Agreed
4661	CE 009	Service drain to the side of the Laboratories Building (BCL-EW-018) Sypro 6732	02 <sup>nd</sup> July 2010	Agreed
4864	CE 010	Laboratory Project Stage 1 - RIBA Stage D to E Reconciliation	18 <sup>th</sup> August 2010	Agreed
4676	CE 011	Borehole water supply	7 <sup>th</sup> July 2010	Costs under consideration by NHS

## NEC3 – STATUS UPDATE

## EARLY WARNINGS

The following Early Warnings have been submitted to the NHS Board as at 16/09/2010:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6715	BCL-EW-001	Brookfield Value Engineering Items	13 January 2010	Value impact work in progress Focus on Tunnel Arrangement – Pack received by Board 01/02/2010	10/02/2010 (PM PMI 003)
6716	BCL-EW-002	Mobile Phone Mast Location	8 <sup>th</sup> February 2010	Works on-going to purchase land. EW to be closed out	22/07/2010
6717	BCL-EW-003	Utilities (1MVA) Power	10 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6718	BCL-EW-004	Utilities (11kv Breaker)	10 Feb 2010	Part of Scottish Power Quotation	13/04/2010
6719	BCL-EW-005	Utilities (Moving 11KV Circuit Breakers) – Hospitals	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6720	BCL-EW-006	Utilities (Moving 11KV Circuit Breakers) – Labs	17 <sup>th</sup> February 2010	Part of Scottish Power Quotation	13/04/2010
6721	BCL-EW-007	Discovery of Foundations and Brickwork (Labs Site)	3 <sup>rd</sup> March 2010	Dunne's have removed foundations and brickwork.	8/04/2010 (PMI/General/013)
6722	BCL-EW-008	Planning Issues (Labs Render)	4 <sup>th</sup> March 2010	Agreed at EW Meeting 17/06/2010 to close EW out	17/06/2010
6723	BCL-EW-009	Planning Issues (Adult and Children's Render)	5 <sup>th</sup> March 2010	<p>BCL worked with Planning Dept to identify agreeable finishes. Indicative costs circa £500k and would like the Board to contribute to the cost. BCL progressed to ensure there was no delay to Planning.</p> <p>BCL to provide info re costs and % share requested from Board for AS to present to RC.</p> <p>Planners still to agree elevations. NHS team to be more involved in the design process re frontage and landscaping. NHS to be provided with any iterations of the frontage.</p> <p>Should be resolved by End September (Planning Process). Work in progress. Further meeting with GCC Planning Dept scheduled on 02/09/2010</p> <p>BCL currently collating material samples, working towards building mock ups. Board and GCC Planners to view once available. Work progressing.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6724	BCL-EW-010	Repositioning of Labs Building	8 <sup>th</sup> March 2010	Cross reference with PMI / General / 008 and PMI / General / 009	10/03/2010 (PMI/General/009) PART OF STAGE E
6725	BCL-EW-011	Water Main within Basement Footprint	9 <sup>th</sup> March 2010	Water main being diverted 13/03/2010	08/04/2010 (PMI/General/014)
6726	BCL-EW-012	Access Road serving the laboratories	19 <sup>th</sup> March 2010	Request for instruction to extend the access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10/06/2010
6727	BCL-EW-013	Laboratories Tunnel	29 <sup>th</sup> March 2010	Request to construct the Labs tunnel beyond the extents of the new access road.  NHS confirmed that this work will not be undertaken post FBC. This EW to be closed out	10/06/2010
6728	BCL-EW-014	Increase in Building Control Fees	14 <sup>th</sup> April 2010	BCL met with Building Control w/c 16/08/2010. GW has negotiated cost to circa £600k. BCL identifying stages of application. GW to discuss with DR utilising Stage 2 monies.  Agreed this EW to be closed out	26/08/2010
6729	BCL-EW-015	Junctions at Govan Road	14 <sup>th</sup> April 2010	NHS confirmed that SW have advised that they are unwilling to alter their junctions at Govan Road. WSP to be asked if GCC can serve a left turn only enforcement notice on SW.  Junction information indicated on Masterplan submitted end April and VISSIM model shows no impact on junction. RCC will conclude this issue.  Discussion re private or adopted road. PM view that road should be private but built to adoptable road standard. DS agreed to discuss with Jim Miller. BCL to be instructed not to submit Section 56 application and instead do RCC. BCL furthering RCC discussions with GCC. BCL are in process of identifying items for Section 56 which Board needs to undertake. Drawing prepared indicating phasing of RCC application. Meeting to be arranged with PM + AS w/c 13/09. BCL to arrange meeting with AS & PM to discuss WSP sketches regarding island on road and taxi rank.	

Sypro ID	NHS Ref No.	Item	Date Raised	Status	Date Completed
6730	BCL-EW-016	Kitchen Relocation from level 3 to Basement	14 <sup>th</sup> April 2010	NHS team obtaining still to obtain formal Board sign off however AS confirmed that BCL can undertake kitchen relocation from level 3 to the basement. NHS will raise a CEN.	1 <sup>st</sup> July 2010
6731	BCL-EW-017	Compatibility of the existing Kitchen cart/trolleys and the Proposed AGV Robotic System	15 <sup>th</sup> April 2010	<p>AGV Strategy not signed off by FM. Karen Connelly advised that AGV compatible carts are available from suppliers. Costs and precise numbers of required carts being prepared. Anticipated cost £300k+</p> <p>BCL to identify a contribution towards the costs of new carts in place of the costs to make carts adaptable.</p> <p>BCL in discussion with Swisslog re Compliance of their original design. BCL met with Swisslog. Presented with simulation which proves that the proposed system works. Sessions taken place with Project Team and FM Directorate</p> <p>GW confirmed that Swisslog had agreed to install transponder units at no extra cost as advised during a visit to Oslo.</p> <p>Board trying to identify alternative way to load NDC carts onto AGV sub-bases without the requirement of lifters. The Board are also trying to reduce the number of sub-bases required.</p> <p>DR advised that there was confusion over the cart lifter costs. Board team advised cart lifter cost is £20k. BCL agreed to confirm cost. DS advised that an operational management doc has been prepared for NHS and NHS will need to take ownership off. DR to get update on NDC carts.</p> <p>AGV presentation given to FM, BCL currently running alternative simulations. BCL to confirm numbers of cart lifters and conversion carts required.</p>	



Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6732	BCL-EW-018	Service drain to the side of the Laboratories Building	21 <sup>st</sup> April 2010	Board to review costs and advise BCL on way forward. There are two service drain issues: 1 – Children's hospital drainage – NHS confirmed the children's hospitals drainage works had been agreed. NHS will raise a CEN 2 – Attenuation. BCL will raise the attenuation issue as a separate EW. NHS confirmed that attenuation works could not be undertaken until post FBC.	1 <sup>st</sup> July 2010
6733	BCL-EW-019	Purchase of land from Scottish Water	21 <sup>st</sup> April 2010	No issues. CLO and Project team progressing land purchase. Agreed this EW to be closed out.	26/08/2010
6734	BCL-EW-020	Contamination within Water System	21 <sup>st</sup> April 2010	Agreed this EW should be closed off.	05/08/ 2010
6735	BCL-EW-021	Discovery of Flammable Gas within Ground in Basement	7 <sup>th</sup> May 2010	BCL to provide extract from SI Report re ground gas information. BCL Consultants to produce a report. BCL and Board team to agree to a definition of what is 'significant'. BCL reports that SI stated very minimum pockets of gas however methane had been discovered in 9 out of 12 boreholes. The sampling works information provided by the Board was insufficient.  BCL have identified the problem boreholes and they will provide further information to DR immediately.  BCL have met with Stent. Stent confirmed that they are still requesting costs (Estimated at £25k). Information provided to DR for review.  C&B liaising with URS. Should be closed out w/c 13/09.  CE 012 issued, EW to be closed.	16/09/10
6959	BCL-EW-023	Design development of the Substation within the car park resulting in a reduction of available parking space.	21 <sup>st</sup> May 2010	PMG agreed this EW should be closed off	25/05/2010
6960	BCL-EW-024	Roof top Helipad	21 <sup>st</sup> May 2010	Revised report issued 16 <sup>th</sup> June 2010 (reflects proper flight paths and helicopter type). NHS confirmed that GCC Planners satisfied with distance of Helipad from local housing. BCL to instruct Jim Miller to provide report and summary of report findings to Jim Patrick. This EW to be closed off.	10/06/2010
6961	BCL-EW-025	Car Park 1 Conflict with Masterplan	21 <sup>st</sup> May 2010	NHS confirmed no conflict. EW to be closed off.	10/06/2010

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6967	BCL-EW-026	External Walls: Copper Cladding to Columns	27 <sup>th</sup> May 2010	NHS to review cost information provided by BCL DR requesting reconciliation cost information re elevations, i.e. block work, granite etc	28/06/2010
6968	BCL-EW-027	Swisslog Robotics (stage 3)	27 <sup>th</sup> May 2010	BCL agreed to put in additional bay. BCL to check if this EW can be closed off. DMcF agreed this EW can be closed off.	
6972	BCL-EW-028	Moveable Vertical Fins to Laboratory Pod	2 <sup>nd</sup> June 2010	BCL to provide modeling information and demonstration re moveable fins v's static fins. BCL agreed to provide information by Friday 25 <sup>th</sup> June 2010  BCL indicated potential early cost saving calculation as £150K. NHS to raise PMI and EW to be closed off.	23/07/10 PMI / General / 025
6987	BCL-EW-029	Building Control concerns over sub-compartmentation exits from wards	29 <sup>th</sup> June 2010	Closed – Refers to NHS-EW-015 (6895)	30/06/2010
6993	BCL-EW-030	Proposal to change escape stair and mortuary stair handrails	16 <sup>th</sup> July 2010	Board to consider changing mortuary stair and escape stair handrails to painted stainless steel.  Closed - Cross reference with PMI / General / 026	30/07/2010
7009	BCL-EW-031	Delay in Commencing Demolition works to Stage 3 Site	6 <sup>th</sup> August 2010	Demolition works commenced on 31 <sup>st</sup> August 2010. May be an issue re amount of asbestos found in Management Annex. DMF to raise EW re Asbestos.  GW advised that there may be 1 power cable not signed off. DR agreed to check.  Adien survey issued to BCL, gas, water and comms currently being marked up on drawings showing services and isolation. Board to issue formal letter to confirm isolations this week.	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
7010	BCL-EW-032	Discovery of Existing Gas Pipe Running Through Site	13 <sup>th</sup> August 2010	<p>An existing gas main has been discovered running through the Labs site. Further investigations are being undertaken by the Board to determine exact routing.</p> <p>NHS Team confirmed that arrangements to cap and terminate pipe would be made once old kitchen is closed down and confirmation received that new kitchen is fully operational. Works anticipated to be carried out by w/e 10<sup>th</sup> September 2010.</p> <p>NHS to confirm gas pipe is terminated and thereafter close out.</p> <p>See BCL-EW-031</p>	
7014	BCL-EW-033	External Windows (Tower) – Addition of obscure film to windows	18 <sup>th</sup> August 2010	<p>Suggested at User Group meeting that Board may wish to explore the addition of obscure film to windows. BCL confirmed this would be an additional cost of circa £210,000.00. AS confirmed that Board would not be pursuing the addition of obscure film to windows as the windows will have interstitial blinds.</p> <p>NHS to confirm if window sills to be raised/windows to be made smaller.</p> <p>BCL to ensure that NHS Team involved in interstitial blinds to ensure they can be appropriately maintained.</p> <p>BCL to provide sight-line from the head of a person lying in bed.</p> <p>BCL to arrange meeting with Structal. ( DH and AS in Peterborough on 9<sup>th</sup>/10<sup>th</sup> September if Structal available)</p> <p>Sill height discussed at MPG &amp; TDG. Agreed that tower external unitized arrangement to remain unchanged. BCL to provide detail of windows and interstitial blinds.</p> <p>Agreed to close EW.</p>	<p>18/08/2010</p> <p>16/09/2010</p>
7018	BCL-EW-034	Potential Value Engineering M & E items for consideration	19 <sup>th</sup> August 2010	NHS reviewed list and prioritization exercised has been carried out. NHS will organize a meeting with Ian	

				<p>Powrie to discuss prioritization list.</p> <p>Reported that a decision on renal dialysis air change requirements is needed asap.</p> <p>Discussions ongoing</p>	
7020	BCL-EW-035	Revised lift strategy for Adult & Children	23 <sup>rd</sup> August 2010	<p>NHS requested drawing/key in order to clarify the proposal. BCL have provided drawing/key to location of lift cores. NHS to review this information. Meeting to be arranged to take Project Team through proposal. NHS team to provide respond.</p>	
7468	BCL-EW-036	Increased NCH Renal Plant (2900/L)-Stage 2-Childrens Hospital	2 <sup>nd</sup> September 2010	<p>The ITPD (Page 13 of Volume 2/1 appendix M&amp;E 6 Renal Water) states the following number of points of use:- Outpatient (30) + Ready Use (5) + Lab (8) = 43 Inpatients = 84 Critical Care = 10 For the adult hospital it appears that there are potentially 88 dialysis points in the inpatients wards (it is assumed that all bedrooms within the renal dialysis wards will have dialysis points (80 points), 4 dialysis stations and 4 points in the day trolley room), the outpatients area appears to have 44 dialysis points (30 outpatients + 6 lab + 8 ready use). Therefore the number of dialysis points for the adult hospital is equal to or greater than the points in M&amp;E 6, therefore there are no spare outlets for the children's hospital. In NCH Renal 1:50 UGM it was stated that the dialysis points are in 6 bedrooms, 3 day case cubicles, 1 isolation room, 3 lab area and also some ready use outlets and some for the PICU department. Before this meeting it was assumed that the number of points would be minimal and could be provided by point of use dialysis machines connected to the hospital domestic water supply. From the Appendix K Reviews – Children's dated 01/09/10, we understand there is a requirement to feed the Children's hospital from main plant for which there is no current allowance.</p> <p>NHS team to provide response.</p> <p>PMI to be issued detailing requirements.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
7473	BCL-EW-037	Fire Service Facilities – Laboratory Basement		<p>The current FFL of the basement within the labs (approximate area/location as shown on the attached) does not accord with the guidance within the Non Domestic Technical Hand Book. The mitigating measures are to be discussed with building control and the fire service to ascertain further requirements and or fire services facilities, if any.</p> <p>Awaiting formal confirmation from building control.</p>	
7475	BCL-EW-038	Vision panels – Touch down bases		<p>BCL propose to reduce the extent of the vision panels at touch down bases throughout the project. The proposed arrangement has been built at the mock up and visited by the NHS.</p> <p>PMI to be issued to confirm requirements.</p>	

#### Potential Early Warnings to be raised by BCL

		Ground contamination (remainder of site)		<p>2 hot spot areas (asbestos and fluorocarbon) have been identified. Potential for problems from SEPA. Ground gases identified and proposing to deal with on an on-going basis.</p> <p>Long chain hydro-carbons have been identified in 1 borehole and CO has been identified in a borehole at the Energy Centre location. WSP obtained readings consistently above 10% - concern raised that may be getting closer to the centre of increased gases.</p> <p>New directive indicated that GCC may refer ground gas and oil issue to SEPA.</p> <p>Board received summary report for review. Meeting required with BCL, Alex Lee, Board and URS. DH requested a copy of the appendix information. DH would provide feedback on the report asap.</p> <p>BCL had identified on-costs for the investigation works and for the gas monitoring. Issue re aquifer – found hazardous material however WSP do see this being an issue. New legislation indicates that SEPA will request monitoring. WSP don't see monitoring being required however SEPA may insist.</p>	
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				<p>DR report that URS had received the WSP summary report and are undertaking a comparison exercise to confirm risks that have been triggered. BCL responsible for gas monitoring costs.</p> <p>BCL to provide report on costs and monitoring.</p>	
		Transformer, VIE and Linthouse Burn – Relocation		Discussed at PMG. Agreed that BCL should raise EW	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6699	NHS-EW-001	Stage D to E Reconciliation	14 January 2010	Agreed to close out. Refer to CE 010	18/08/2010
6701	NHS-EW-002	Testing of Building Board Material on Site	21 January 2010	Complete - CE 001 Issued	11/03/2010
6704	NHS-EW-003	Japanese Knotweed Survey	21 January 2010	Complete- CE 002 issued	11/03/2010
6705	NHS-EW-004	Excavated Building Materials/Spoil	21 January 2010	Complete - PMI 004 issued, CE 003 issued	11/03/2010
6706	NHS-EW-005	Live HV Cable – SGH Site	27 January 2010	Complete - disconnect live HV cable	7/02/2010
6952	NHS-EW-006	Borehole water	15 February 2010	Complete - PMI 020 issued	23/06/10
6953	NHS-EW-007	Adult Hospital – Haemato-Oncology Area	12 <sup>th</sup> March 2010	Complete - PMI 021 issued	23/06/10
6954	NHS-EW-008	Oncology Ward - Specialist ventilation	16th April 2010	Complete - PMI 021 issued	23/06/10
	NHS-EW-009	REF NO – NOT USED			
6955	NHS-EW-010	Site Electrical Load	16th April 2010	Complete - PMI 019 issued	23/06/10
6956	NHS-EW-011	Patient Hoists and Structural Support	16 <sup>th</sup> April 2010	Refer to PMI 027 issued	10/08/2010
	NHS-EW-012	REF NO – NOT USED			
6957	NHS-EW-013	HV Generators	16 <sup>th</sup> April 2010	Closed out - Links to NHS-EW-010. PMI 019 issued	16/06/2010
6981	NHS-EW-014	New Children's Hospital – Theatre Recovery Area	21 <sup>st</sup> June 2010	Closed out – links to PMI/General/022	30 <sup>th</sup> June 2010
6985	NHS-EW-015	Adult & Children's Hospitals Fire Strategy	23 <sup>rd</sup> June 2010	<p>Board wish to understand the BCL programme and plans to take forward the fire strategy Reports been submitted. Compartmentation drawings and fire report (minus atrium) being submitted the following week.</p> <p>Fire Strategy discussions ongoing with Building Control. Wards Fire Strategy now agreed with Building Control.</p>	
7010	NHS-EW-016	Appendix K Review and Programme	10 <sup>th</sup> August 2010	<p>Attend meeting to discuss and agree simplified process to ensure App K review completed within the timescale leading up to FBC and allow the Board adequate time to consider and review information. Board confirmed that they are not receiving the final documents for formal sign-off. Board required clarity of what needs signed off before FBC and focus on that is essential. Ongoing. M&amp;E process underway. Board to start signing off drawings. M&amp;E workshops very beneficial. DS reviewing comments received back from C&amp;B.</p> <p>Work progressing, BCL to issue Appendix K tracker to Board.</p>	

Sypro ID	NHS Ref No	Item	Date Raised	Status	Date Completed
6999	NHS-EW-017	Adult & Children's Hospitals Single Rooms - Bi-fold Doors En-suites.	30 <sup>th</sup> July 2010	Board to raise a PMI re two leaf doors in place of bi-fold doors to Adult & Children's Hospitals Single rooms. Agreed to be a value engineering item. BCL advised cost omission of £500k (based on same size door). Board to raise PMI to confirm ensuite door arrangements.  PMI/General/029 issued. EW closed.	16/09/2010
6988	NHS-EW-018	AGV System - Adult and Children's Hospitals	29 <sup>th</sup> June 2010	The Board will require to see the integration of the proposed system in full compliance with the Board's stated requirements and set out within the 1:200 departmental layouts prior to the final sign off of the layouts.  BCL to liaise with Nightingales and provide drawings for review.  Final layout plans reviewed by KC. Agreed to close off the EW.	18/08/2010



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BCL as at 16/09/2010:



Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
323	MB/PM/General/001	Stage 1 Laboratories – Start on Site Date	27 <sup>th</sup> January 2010	Closed out	27/01/2010
324	MB/PMI/General/002	Revision to Contract Assessment Dates	8 <sup>th</sup> February 2010.	Closed out	08/02/2010
325	LAB / PM / General / 003	Laboratory Block – Tunnel Reconfiguration	10 <sup>th</sup> February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
326	PMI / General / 004	Excavated Materials / Spoil	23 <sup>rd</sup> February 2010	Closed out	10/03/2010
327	PMI / General / 005	Laboratory Project – Future Expansion	23 <sup>rd</sup> February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
328	PMI / General / 006	Laboratory Project – Basement Floor Level	26 <sup>th</sup> February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
329	PMI / General / 007	Laboratory Project – Ventilation to PM tables	26 <sup>th</sup> February 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
330	PMI / General / 008	Laboratory – Stage E Civil & Structural Engineering Drawings	9 <sup>th</sup> March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
331	PMI / General / 009	Laboratory Project – Relocation of Footprint	10 <sup>th</sup> March 2010	Closed out	10/03/2010
332	PMI / General / 010	Laboratory project – Architectural drawings and NBS Specification	23 <sup>rd</sup> March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
333	PMI / General / 011	Laboratory Block – VE Review 1	25 <sup>th</sup> March 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
334	PMI / General / 012	AGV System – Cart Washer	25 <sup>th</sup> March 2010	Cart Washer not required by Board. CE notified by BCL (CE 006) CE accepted by Board	9/06/2010
335	PMI / General / 013	Laboratory Project – Removal of Foundation from Old Rec Pavilion	8 <sup>th</sup> April 2010	Closed out No cost	08/04/2010
336	PMI / General / 014	Laboratory Project – Diversion of Water Main	8 <sup>th</sup> April 2010	CE notified by BCL (CE 004) CE accepted by Board	25/05/2010
337	PMI / General / 015	Removal of Japanese Knotweed (Bunded Area) Off Site	28 <sup>th</sup> April 2010	CE raised by BCL (CE 002) CE accepted by Board	10/06/2010
351	PMI / General / 016	Laboratory – Stage E – Mechanical and Electrical Drawings and Specification	17 <sup>th</sup> May 2010	Closed out as part of Stage d to e reconciliation. BCL to close out on Sypro. Ref CE 010	18/08/2010
356	PMI / General / 017	Laboratory Block – Mortuary (Basement Level -1) Room L-1/B/027	31 <sup>st</sup> May 2010	CE notified by BCL (CE005) CE accepted by Board	24/06/2010
367	PMI / General / 018	Laboratory Project-Mortuary X Ray Room L1/B/027	17 <sup>th</sup> June 2010	To be read in conjunction with PMI / General / 017 Board to progress change through internal change control process. Board to raise CE once approved. CE 013 raised.	09/09/2010
368	PMI/General/019	Change to Electrical Load requirements	23 <sup>rd</sup> June 2010	Linked to NHS-EW-010 and NHS-EW-013. BCL advised that revised costs uploaded. Costs circa £595k + OH & P. Board to raise CE. CE 014 raised	16/09/2010

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Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
369	PMI/General/020	Borehole Water Supply	23 <sup>rd</sup> June 2010	Board reviewing cost information received from BCL CE event raised by BCL. Board pursuing confirmation letter from Business Stream. Confirmation letter received. NHS to upload to Sypro. GW to review costs NHS team need to understand at what point there is a risk i.e. to Labs. SI Survey rep to be asked for a response. NHS team awaiting advice from Alex Lee re water leeching round site. Once final advice received then change will be progressed through Board's CCP.	
370	PMI/General/021	HAEMATO-ONCOLOGY WARD	23 <sup>rd</sup> June 2010	Links to NHS-EW-007 and NHS-EW-008 BCL to provide an indication of the cost saving to remove the additional filtration to the 8 No rooms and ensuites. Discussion ongoing to clarify where filtration removal would occur i.e. in each room or at a central point. BCL confirmed cost saving as 8 x £800. NHS Team to confirm change to requirements. To be closed out. CE 014 raised	09/09/2010
375	PMI/General/022	New Children's Hospital – Theatre Recovery Area	30 <sup>th</sup> June 2010	Links to NHS-EW-014 (Sypro 6981) Board confirmed that they no longer require fixed solid partition walls between recovery bays (17 bays). BCL to provide updated 1:50 theatre plans and provide costs. NHS Team reviewed costs provided by BCL. DR advised that ADB sheet indicates that partition walls should be lead lined and these costs have not been included in the BCL costs. GW advised lead lined curtains not on Board's ER Equipment list. DR to confirm if lead lined curtains required.  CE 016 raised	16/09/10
381	PMI / General /023	Stage 3 Adult Hospital CCU Bed Bay Dividers	8 <sup>th</sup> July 2010	BCL to provide revised layout omitting single bed bay glass screens for approval by the Board team BCL provided costs info based on no glass or doors but with track size amended. Costs circa £ £180k. Board to confirm acceptance of costs.  CE 017 raised	16/09/10

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
383	PMI/General/024	Laboratory Block – Fire Alarm Cable	09 <sup>th</sup> July 2010	BCL to provide costs to substitute Prysmian FP200 plus cable system in lieu of MICCE cable system. Cost uploaded to notes section by BCL and under review by NHS team Agreed PMI to be closed off. Cost saving circa £40k	12/08/2010
384	PMI/General/025	Laboratory Project – Fixed Sun-shading Fins	23 <sup>rd</sup> July 2010	Links to BCL-EW-028 Board confirmed that Brookfield may proceed and install fixed sun shading fins to the office pod of the Laboratory Block in lieu of moveable fins. Agreed PMI to be closed off	12/08/2010
386	PMI/General/026	Laboratory Block Fire Stair Handrails and Balustrades.	30 <sup>th</sup> July 2010	Links to BCL-EW-030  NHS team confirmed that they did not wish to pursue this proposal and therefore handrails to general escape stairs and mortuary basement areas to remain as specified i.e. stainless steel The EW to be closed off.	26/08/2010
391	PMI/General/027	New Adult and Children's Hospital Ceiling Mounted Hoist requirements	10 <sup>th</sup> August 2010	Links to NHS EW 011 (Sypro 6956) Board confirmed specifications and numbers of patient hoist requirements.  Discussed whether this item would be a VE. NHS team confirmed that this would not be a VE and would be a change to target price.  GW indicated that initial costing identified as £2.2m (net). Identified that approx £9k remains in BCL cost plan to purchase the remainder of the hoists. Board to confirm acceptance of costs.	

Sypro ID	NHS Ref No	Item	Date Issued	Actions	Date Closed Out
395	PMI/General/028	New Laboratories IT review	26/08/2010	<p>Links to NHS–EW-017</p> <p>The Board have undertaken an IT review of Revision E 1:50 drawings, to ensure that all small power has been captured for IT and user requirements for the new facility.</p> <p>The attached 1:50 documents detail changes required within 9 rooms.</p> <p>Please review and re-issue with all changes. To be at no cost.</p> <p>BCL reported that there were problems relocating a few points. Costs for change being identified for submission to Board.</p> <p>BCL to report back to Board.</p>	
399	PMI/General/029	New Adult and Children's Hospital – Single Rooms Bi-fold doors to En-suites.	16/09/2010	<p>The Board wishes to investigate the feasibility of substituting bi-fold doors to the en-suits with a double leaf door set. BCL to design a workable design layout in conjunction with Project Manager's for A&amp;C Hospitals and report back to the Board with costs.</p>	

PMI to be raised by Board.

		Time Capsule (Labs Block)		<p>The Board to request that BCL make provision for a time capsule to be located in the entrance area of the Labs Block. To be at no cost.</p> <p>Agreed that time capsule will be located externally and will not be on critical path.</p>	
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## COMPENSATION EVENTS

The following Compensation Events have been submitted as at 10/09/2010:

Sypro ID No	NHS Ref No	Item	Date Issued	Status
4294	CE 001	Removal of Asbestos Building Board	10th March 2010	Agreed
4295	CE 002	Removal of Japanese Knotweed	10th March 2010	Agreed
4296	CE 003	Removal of Excess Spoil	10th March 2010	Agreed
4451	CE 004	Water Main within Basement Footprint	25th May 2010	Agreed
4501	CE 005	PMI / General / 017 - Laboratory Block - Mortuary (Basement Level -1) Room L-1/B/027	3rd June 2010	Agreed
4528	CE 006	AGV System - Cart Washer Removal	9th June 2010	Agreed
4632	CE 007	Labs Project - Copper Cladding to external columns	28th June 2010	Agreed
4660	CE 008	Kitchen Relocation from level 3 to Basement	02nd July 2010	Agreed
4661	CE 009	Service drain to the side of the Laboratories Building (BCL-EW-018) Sypro 6732	02nd July 2010	Agreed
4864	CE 010	Laboratory Project Stage 1 - RIBA Stage D to E Reconciliation	18th August 2010	Agreed
4676	CE 011	Borehole water supply	7th July 2010	Costs under consideration by NHS
5054	CE 012	Laboratory Project – Discovery of Ground Gas	16th September 2010	BCL to submit final quotation
5055	CE 013	Laboratory Project – Mortuary X-Ray Room L1/B/027	16th September 2010	BCL to submit final quotation
5056	CE 014	Adult Hospital – Haemato-Oncology Ward Air filtration	16th September 2010	BCL to submit final quotation
5057	CE 015	Change to Electrical Load Requirements	16th September 2010	BCL to submit final quotation
5058	CE 016	New Children's Hospital - Theatre Recovery Area	16th September 2010	BCL to submit final quotation
5061	CE 017	Adult Hospital – CCU Bed Dividers	16th September 2010	BCL to submit final quotation

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 22/09/2011:

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	05/11/2010  11/08/2011 22/09/2011	As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to interrogate information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements.  DS advised that an SI would be undertaken when area becomes available. Agreed that extent of hotspot will be investigated once Biochemistry demolished	Work in progress. Not at apt point to undertake investigation
8951	BMCL-EW-068	Surgical Sub-station	14/01/2011	As discussed at PMG meeting the Surgical Sub-station and associated generator need to be relocated. The Board have agreed to this request being earlier in programme. BMCL & Board currently formulating scope of works / dates etc. PM reported further discussion required re HV s/s which may impact on the hammerhead. AS to provide date for s-station works (late September). AS has a range of logistics to sort out. AS & DP liaising to develop detailed plan AS advised that BMCL will be required to assist developing the scope. The NHS will be responsible to move the sub-station with full technical support from BMCL. DP was requested to take the NHS Team through the programme. Meeting organized for 18/04 to discuss surgical sub-station as on critical path. BMCL currently preparing programme, 30 <sup>th</sup> Sept 2011 backstop date. AS discussing tender process options with Alex McIntyre. Meeting held with AS, Project Team, Russell Johnson to review scope of works. Splitting the works into 2 parts i.e. HV and LV. The HV scope will be put out to tender in next couple of weeks. GW advised the DP was indicating that these works were becoming critical. DR advised that GT will review the programme of works working back from the backstop date. AS advised that the tenders for the LV Analysis works had been received. The analysis work would identify all the LV sub-current and where being supplied to. Capita had been requested to review the scope of works and BMCL comments then works to be procured. DP to provide sequenced drawings/logistics to co-ordinate the works. Noted that the NHS will need access to the fenced off area.	Works concluded and handover meeting held on Wednesday 28/09/2011

			<p>01/09/2011</p> <p>08/09/2011</p> <p>22/09/2011</p> <p>29/09/2011</p>	<p>Tenders out and due back 24<sup>th</sup> June 2011. Transformer available. Survey works commencing w/c 20<sup>th</sup> June 2011. Programme remains achievable. DP reported that he had a drawing to discuss with the NHS Team later that day. GT advised that the tenders were in and the preferred contractor would be identified by COP 1/07/2011. The works to dig round the cable so that it can be traced was 80% complete. FES appointed to complete these works. Reported that switch to be removed and this would indicate a cost reduction on tender. These works would be completed around 27<sup>th</sup> September.</p> <p>DP reported that BMCL intended to purchase the switch, with NHS adopting the meter temporarily to allow the unit costs to be kept to a minimum. Benefit to the site as this supply feeds to the main construction offices, surgical block and Laboratory construction site.</p> <p>DP advised that NHS had put in an extra cable for resilience which would need to be moved. AS suggested that this was a temp cable.</p> <p>Works ongoing and on programme.</p> <p>Works ongoing and on programme to complete by 27<sup>th</sup> September 2011 and the only element now to be transferred over is the CT scanner. DP advised that a meeting had been arranged for 10am on Wednesday for NHS to hand site over to BMCL and for BMCL to sign-off handover of site.</p> <p><b>Works completed item to be closed out</b></p>	
8990	BMCL-EW-78	Additional Utilities Surveys required	09/02/2011	<p>The additional utilities survey as provided by Adien, does not cover all areas of the masterplan. Area where additional utility survey information is required include: Govan Road Junction, Renfrew Road junction, Hardgate Road. The following works may be affected: Any works requiring alteration to existing road configuration and apparatus could be delayed due to encountering unidentified utilities. Diversion and/or protection of utilities within public roads tend to include a prolonged process which could affect time scales. AS reported that this was not part of the A&amp;C design. GW reported that BMCL should have got information pre-bid. AS concerned that WSP only flagging as issue now. PM reported that road junctions are part of BMCL works so BMCL responsible for determining services. Sub-scan services undertaken by NHS was not a commitment to try and capture all the services coming onto the site. NHS have given as much info as possible –if part of BMCL works then up to BMCL to identify services. DS reported that BMCL want opportunity to resolve and deal with. AS reported that his view was that this needed to be escalated. DR reported that ITPD 6.2.2 sets out contract obligations. DS agreed to review. GT advised that discussed with Paul McGuinness and will liaise with HMc w/c 28/02/2011. GW to provide marked up drawing of survey info to NHS team. Joint discussion to be had. Drawing provided to Board, further discussion on survey responsibility to be had. WIP. WSP provided update re responsibility to get surveys undertaken (CDMC Issue) PM agreed to review and provide feedback. DH and MS to discuss NHS perspective re having complied with obligations. DR confirmed ERs state any further surveys on site to be funded by BMCL, CDMC have stated Board are meeting their obligations. BMCL to source surveys for works external to site from public utilities. GT to check that all survey information available to Board has been passed to BMCL with Hugh McDerment. DS agreed that if further surveys required BMCL will state where and why – Board and BMCL will then discuss. GT and GW meeting 04.05.11 to discuss process. DS advised that BMCL were reviewing the contract. GT was requested to provide a pack of all the information provided to date. DS and GT to discuss after the EW meeting. GT to provide pack of all NHS survey information provided to BMCL so that DS can ensure that the BMCL request for additional surveys is correct. DS marked up a drawing with what information has been received and what information is needed. DS requested that Adien drawings to be uploaded to Aconex. The DSSR drawing is to be broken down into 4 areas and provided to BMCL. Dates of previous issue of drawings to be provided. DS suggested that he believed that there were still some survey works to be undertaken,</p>	Work in Progress



			<p>4/08/2011 11/08/2011  18/08/2011 25/08/2011  01/09/2011  08/09/2011  15/09/2011  22/09/2011  29/09/2011</p>	<p>potentially 4 but hopefully reducing to 2. GT advised that he had broken down the services drawing into 4 drawings and that it may still be slightly confusing so he proposed to provide a further broken down services drawing. GT advised that he had finalized the break down of the services drawings and he would meet with DS to discuss. DS advised that additional survey works may still be required and it would need to be agreed if the additional survey works will be defined cost. Meeting arranged with DS and GT on Tuesday 5<sup>th</sup> July. AS requested that AF be invited to attend this meeting. Advised that DS is still awaiting this information from GT. DH reported that GT would meet with DS on return from his leave. BMCL would identify if there were any timing issues. DH to ensure GT meets with DS asap. Drawings with Darren Smith – DH agreed to chase this item.</p> <p>DH advised GT will provide broken down drawings later that day.</p> <p>DH advised that there had been issues uploading the drawings to Aconex. An email had been sent to DS in the interim. The 2 areas known to require surveyed will be added to aconex i.e. area between car parks and at Langlands building.</p> <p>Info provided by GT to DS.</p> <p>DS confirmed that drawings not on aconex. AS agreed to get the drawings uploaded to aconex by midday.</p> <p>DS advised that he would request WSP and Paul McGuiness to identify what the areas are and he would identify a mechanism to agree these areas.</p> <p>DS advised info awaited from Paul McGuiness. Noted that Dunnes had raised an EW re discovery of Scottish Water pipes at boulevard – pipes not shown in correct location on Adien survey drawings. BMCL agreed to raise as an EW. Thereafter PMI to be provided from NHS. DH to discuss with H McDermont. Board currently tracing the pipes. It is thought that may be a ring main therefore can be terminated. Fire Hydrants will be sorted via connections as new pipe due to be installed on 5<sup>th</sup> October. BMCL have marked up a drawing to show the water pipes. Graham hinds doing tracing and HMcD is liaising with PMcG.</p> <p>NHS undertaking the diversion works re fire and water pipes. Discussed responsibility for undertaking the additional surveys. GW asked to provide the costs of the survey works. Discussed difference of opinion between CDMC information.</p> <p><b>DS agreed to forward information to Paul McGuiness. Outstanding surveys are the responsibility of the Board AS agreed to take this forward</b></p>	
8996	BMCL-EWN-79	BMCL request PMI due to planning condition change at junction of Shieldhall Road & Hardgate Rd	<p>22/02/2011          4/08/2011</p>	<p>BMCL request a PMI for the Works associated with the changes to the junction at Shieldhall Rd / Hardgate Rd as now required by LPA Condition 11 of permission 10/01779/DC, as this currently sits outwith BMCL Scope of Work. BMCL are aware that it is the Boards intent to pay for this additional work from the Section 75 agreed monies. BMCL will pursue this. DS advised that GCC have added an extra condition re upgrading junctions at Hardgate Road and Shieldhall Road. AS suggested that this was a) part of the BMCL planning design or b) Used for part of construction traffic therefore part of BMCL logistics. DR to provide form of words and confirm what is in Section 75. BMCL to liaise with Jim Miller and get him to go back to GCC Planners. DR advised if part of logistics then BMCL cost however further discussion would be required. BMCL will progress through Jim Miller. Advised that letter re Hardgate Rd/Shieldhall Road prepared for BMCL to issue at an appropriate time. Awaiting feedback from Blair Greenock. Linked to temp CP. WIP. AS advised that AK was continuing to liaise with GCC to get detail of changes that they require at the junction. Reported that WSP would work on getting costs. DC meeting with N McGrogan on 26/07. GCC written to requesting what needs to be done to get TRO. Continuing to liaise with GCC Planners. BMCL received indication of costs. Propose to get sign-off by GCC Planners.</p>	



			<p>11/08/2011 25/08/2011 01/09/2011</p> <p>08/09/2011 15/09/2011</p> <p>22/09/2011 29/029/2011</p>	<p>Liaising with Blair Greenock re sign-off of condition. Roads officer indicating circa £3k for left turn works.</p> <p>DS to draft letter on behalf of AS.</p> <p>AS provided letter and £4k cheque to DS for TRO. DS advised that the junction condition was outwith the BMCL contract. AS suggested that if GCC allow for the junction upgrades to be undertaken through section 75 monies then NHS would cover the costs. DS advised that he is awaiting confirmation that minimal works are acceptable.</p> <p>DS confirmed that Jim Miller is progressing condition 11 with Blair Greenock.</p> <p>DS meeting with Jim Miller to discuss way forward later that day.</p> <p>Confirmed AS will cover the £3k junction works in this instance.</p> <p><b>DS agreed to follow up with Jim Miller. BMCL to get confirmation from GCC Blair Greenock</b></p>	
9825	BMCL-EW-089	Temporary Generators to Labs (Interim Solution) - Confirmation of NHS date of availability	<p>14/04/2011</p> <p>4/08/2011</p> <p>18/08/2011</p> <p>25/08/2011</p> <p>01/09/2011</p>	<p>BMCL advise that in order to meet commissioning programme for the Lab building the temporary generators will require to be on site for commissioning along side the Scottish Power 33/11kV switchboard. BMCL forecast power on as being late August 2011. BMCL have received response from DR regarding a requirement to provide emergency generators for the Labs Building before Energy Centre complete. BMCL currently preparing comments back as at 28.04.11. BMCL advised that they are looking at options. Looking at using permanent generator on temporary basis to feed Labs – response awaited from Mercury. DP enquired when back power required = handover. AS advised to work towards end April. GW advised impacts on cashflow for 2011. JB advised that BMCL will provide the Energy Centre at a pace to get ready for the permanent generators in a temporary basis. BMCL had taken on board the no's req'd. Discussions with mercury ongoing. Confirmed 1<sup>st</sup> occupancy end March 2012. JB requested a definitive date for when the Labs Facility needed to have standby generation. AS reported that standby generation was required by end of March 2012. AS confirmed temp generation required by 1<sup>st</sup> April 2012. BMCL will provide a detailed plan. DP advised BMCL were hoping to get the generators ordered by August 2011 to allow delivery to site by mid Feb 2011. BMCL were concluding their report and would provide to the NHS Team asap thereafter for review. BMCL were proposing/recommending that the A side is brought on first. A discussion re liability, warranty, cashflow, construction sequencing , etc, would be required. DMF liaising with Mercury &amp; has requested costs re options for extending warranties. DMF has a follow-up meeting with Mercury on 25/07. DP planned to hold a meeting in early August to review specifications and technical issues and a report will be produced.</p> <p>Meeting organized for Thursday 11<sup>th</sup> August 2011. The programme for the 'A' side had been prepared. Advised that NHS met with BMCL previous week. Proposal generally acceptable. BMCL to provide benchmarking info. Meeting on 19/08 to agree way forward. Confirmed proposals to be based on level 3 (continuous running) and will ratify at meeting on 19/08. ZBP will finalise the spec for providing to Mercury. Anticipated during 3<sup>rd</sup> week September to provide details of specific generator kit. AS requested statement on basis of 500 hrs generation – NHS will then request Wallace Whittle to sign off proposal. End September is order date to supplier then 26 weeks to get on the site.</p> <p>DP advised that proposal tabled at meeting on 18/08/2011 and way forward agreed. Final construction spec being prepared. Looking at pre-ordering 10 but call initially on 5. Discussion is required regarding the controls. The infrastructure allowance was not part of the contract. JB to be contacted to check he has the emergency standby generation benchmark information.</p> <p>DP advised works remain on programme. AS advised he would contact JBushfield. AS advised that he wished to be a part of the equipment selection from a technical standpoint. Agreement regarding what starts and when required. DP advised that on probability it was not possible to get all the generators staring at the same time as there is a time delay synching each generator. BMCL were obtaining 6</p>	

			08/09/2011 15/09/2011 22/09/2011	quotes, would shortlist to 3 quotes and progress. AS advised he would need F Wrath to comment on the prioritization list. DS advised that BMCL need to understand the NHS Proposal for temp generator gap. Revised tender doc for generators being issued yesterday. Tenders to be received by BMCL on 27/09. Meeting being arranged for 4 <sup>th</sup> October to undertake scoring exercise. Once successful bidder awarded contract then BMCL will endeavor to accelerate the timescales. Concern raised re defect liability on the first 5 generators. JB reported that BMCL would want to extend the warranty on the first 5 generators.	
			29/09/2011	On course	
10106	BMCL - EWN - 096	Aviation / CAA - ERs 2.2.9.9	18/05/2011    11/08/2011  18/08/2011 25/08/2011 08/09/2011  15/09/2011 22/09/2011 29/09/2011	Brookfield have been advised that by their aviation consultant that it is not within their gift to obtain the relevant documentation from the CAA in respect of the helipad. This being a matter between the operator and the CAA to obtain the relevant written permission. AS to liaise with Chief Pilot. Meeting to be organized with Chief Pilot and BMCL Aviation consultant as required. AS advised that the Chief Pilot is on leave. He would make contact with the Chief Pilot as soon as he returns from his leave. Meeting arranged for 17 <sup>th</sup> June 2011. BMCL requested a PMI to cover the ERs re BMCL getting permission from CAA which is unachievable. CAA will not sign-off design/don't have an approval process. It is the operator who signs off. BMCL obligated to provide operational policies and technical info. PMI requested re varying the ER's in this matter. DH to liaise with DS re PMI. DH advised he was reviewing the report from Peter Rover and would draft a PMI thereafter. DH continuing to liaise with CAA and will confirm whether off-shore guidance applies. Anticipating will confirm by w/e 26/08. AS and DH to conclude on DHs return from leave. DH confirmed report by aviation consultant is required. CAA have nominated report writer – confirming that there is no requirement for on shore writer – confirming that Peter Rover is accepted as Independent. Confirmed that P Rover is Independent reporter. DS & DH to agree ERs statement re “relevant” DH to provide proposal to DS asap re ERs BMCL to respond to DH proposal	
10107	BMCL - EWN - 097	Helipad change in guidance	18/05/2011	Brookfield would note that changes in guidance to the design and assessment of helipads has resulted in such installations previously being considered by the experts in the field to be an acceptable installation, are being determined as unacceptable. BMCL Aviation consultant suggests that a wind tunnel or CFD Analysis be undertaken. BMCL reviewing criteria. DS to provide criteria to AS. DS to provide paper to NHS Team. To be progressed after EWN 096 (above). DS advised need to have discussion re undertaking CFD Analysis and who pays for these costs. DS was getting the scope and costs for the CFD analysis. DS agreed to compile a letter to Andy Rooney from Board and BMCL. DS advised early cost estimate for analysis is £30k for wind tunnel analysis. AR to be requested to confirm if analysis is necessary as current on-shore guidance does not require an analysis. AS agreed to liaise with AR. PM advised that AR suggesting that analysis does not need to be undertaken but that other helipad users would need to be consulted i.e. ASR and Navy. BMCL to continue obtaining costs. DH requested that BMCL check CPA 0.4.7 as is a tie-in to HTM 15-03. P Rover has provided details of a company who can undertake the analysis. CFD analysis? – Andy Rooney was not expecting to have to pay the costs for this analysis and noted that other users would be required to offer opinion. CFD costs were as yet unknown – Darren Smith would obtain these.	22/09/2011

			11/08/2011 18/08/2011 25/08/2011 01/09/2011 08/09/2011 15/09/2011 22/09/2011	DS advised that experts advising that CFD analysis on helipad cannot be done. DS investigating this further and investigating costs for wind tunnel and CFD analyses. DS pursuing cost info. Advised timeline for wind tunnel analysis is 6-8 weeks. DS will clarify WSP quote. DS advised that WDI quote received and looks okay. BMCL were pulling together dwgs etc to provide for CFD analysis. Discussions required re 3m clearance at lift shaft. NHS will contract with RWDI. DS advised that he had requested that RWDI confirm the flexibility of their model. NHS Order required to progress. Nightingales liaising with RWDI. DS liaising with RWDI re analysis of helipad at lowest level and higher location. Ongoing. AS to provide update re ramp slope. DH confirmed ramp slope to be no more than 1 in 20 Agreed to close off as no issues outstanding	
10108	BMCL - EWN - 098	Helipad	18/05/2011     15/09/2011	Brookfield's aviation consultant has advised that changes pursuant to planning requirements, to enclose the sides of the 3m gap beneath the helipad, has the potential to prevent air flow beneath the pad and may cause turbulent flow over the surface of the pad, which under certain conditions will be unacceptable. Cladding around the periphery should therefore be avoided. DS advised this will need to be discussed with GCC Planners. To be progressed after EWN 096 (above). DS has requested JM to liaise with the GCC Planners re guidance preventing cladding/skirt to be around structure of helipad. Nightingales are preparing updated drawings. DS to progress with PM. DS advised that BMCL are proposing to meet with the Planners to provide an update on all the changes and this change will be included in this discussion. NHS to be involved in discussions with GCC Planners. Awaiting outcome of EWN 097 above	Work In Progress
10110	BMCL - EWN - 100	Drop Slabs NCH Play Areas	18/05/2011    4/08/2011 25/08/2011 08/08/2011 15/09/2011 22/09/2011 29/09/2011	With reference to the issue of the architectural drawings indicating areas of dropped slabs to accommodate for example the NCH external play area the following EWN has been raised with regards the impact on the M&E services distribution and the ceiling heights. With the proposal to drop or recess slabs to accommodate the NCH play areas it may be necessary to reduce the required ceiling heights in rooms below the change in level of the slab. An initial assessment has been carried out and it is believed that in some areas this reduction in the services ceiling void will be accommodated but until the detailed design and co-ordination of the services in these areas has been undertaken this cannot be confirmed. It is therefore intended to address the ceiling heights on a department/floor by floor basis as the design progresses. The following works may be affected: It may be necessary to reduced the required ceiling heights below those required in the ER's to accommodate the reduce services ceiling void. BMCL would review the design to identify exactly which areas/rooms affected for discussion with the NHS team. Acknowledged this item will remain until design bottomed out. BMCL agreed to come back with a plan to forward discussion but noted that deadline was November 2011 for the ceiling height implications on play area and theatres to account for service ducts space. PM suggested that review is undertaken in September 2011 and BMCL identify 'Plan B'. Consultants been advised that they can review NCH play park but reduced ceiling heights is not accepted in certain areas. Darren Pike will progress an interim solution. BMCL will organize a meeting early September to discuss. Meeting arranged for 8 <sup>th</sup> September to discuss. Meeting postponed and to be rescheduled. Meeting rescheduled for 22 <sup>nd</sup> Sept at 11am Info provided to DH and meeting as cancelled. On subsequent review of information a meeting should be arranged as info does not close out all concerns i.e. lowering ceiling height in hospital street Schedule of areas interim report completed – DS to organize meeting with BMCL/PM/DH	Work in progress (Not at apt stage to progress)

10125	BMCL - EWN 102	Acoustic Performance Between WCs in Areas 1 and 2 (Levels 1-3) and Ground Floor of Pod	06/06/2011  11/08/2011 18/08/2011 25/08/2011  01/09/2011  08/08/2011  15/09/2011 22/09/2011	<p>We have been advised by our acoustic consultant that the installation as per the Stage E+ design information will provide limited acoustic performance between WCs in the above locations. Approx 15-20dB reduction is expected. Board to advise whether this is acceptable. BMCL currently identifying potential solutions. BMCL checking identified solution works in all areas i.e. putting in a partition. PM had discussed another option with DJ. BMJ were providing drawing to acoustic logic. BMCL need to understand what the acoustic requirements are. Manny Ajuwon is to prepare drawings for review and sign off by PM. PM advised that he was reviewing the Acoustic Logic report. PM would meet with Capita and C&amp;B to review the scope of works. Confirmation to be provided to BMCL by COP 29/07. Report reviewed and returned with C&amp;B and Capita Symonds comments. Acoustic performance of WCs being tested later that day. Ongoing</p> <p>Preliminary tests ongoing. Indicative results positive however toilets are 31db. BMCL are exploring options to increase acoustic performance. AS to discuss with DH/PM. BMCL to provide test results. DS advised that he was meeting with acoustic logic to see if an interim report could be provided to the NHS re the toilet acoustic performance.</p> <p>BMCL met Acoustic Logic to agree setting out of report. Agreed that Acoustic Logic will now issue an interim report. Confirmed there were no set requirement s- some HTML and Some Builder's bulletin – report would include this detail. BMCL would provide a proposals or solution.</p> <p>BMCL has seen report in final format version. MA progressing obtaining interim report</p> <p>Formal report received by BMCL. Report identified that 30db is minimum and testing indicates 31db is being achieved. BMCL identifying proposal to increase acoustic performance alongside issue of formal report.</p>	
10485	BMCL-EWN-106	May Exceptional Weather Conditions	26/07/2011	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during May.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notifiable under Clause 60.1(13) of the Contract. We will forward details of this in due course.</p>	
10486	BMCL-EWN-107	June Exceptional Weather Conditions	26/07/2011  18/08/2011 25/08/2011	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during June.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notifiable under Clause 60.1(13) of the Contract. We will forward details of this in due course. Skanska report was reviewed. It was noted that none these delays were reported directly to the NHS. Only issues for delay known to NHS were the ground conditions and Bentonite. BMCL stated that ground conditions would be an indication of weather – DR disagreed further discussions would be required to resolve. Noted that these type of discussions should be brought up at Construction Meetings to allow early information BMCL were liaising with C&amp;B re weather recording/weather station info (paisley/bishopton)</p> <p>Presentation being provided re proposals for onsite weather station. BMCL have confirmation that info not available from Paisley weather station</p> <p>BMCL discussing EWs with Skanska/Cementation. Dunnes have also raised an EW. DR advised that against the Paisley records there had not been a 1 in 10 year event. DMF advised that against Bishopton records there had been a 1 in 10 year event.</p> <p>Confirmed that BMCL would be installing an on-site weather station but will use the Paisley historic data. DR and DMF to discuss the calculation of the 1 in 10 year event.</p>	

			08/09/2011	Onsite weather station currently being fitted. DMF advised that August is 1 in 10 year event. August adverse weather impacted upon piling mat and need to bring additional materials on site and impact on excavated materials being taken off site. DR and DMF to discuss 1 in 10 year calculation.	
			15/09/2011	Requested that BMCL detail impact of adverse weather. Enquired how BMCL could confirm that the additional piling materials had been brought onto site. GW advised that Dunnes had brought in a different material. Dunnes have back-up info. JB suggested looking at the daily photos. GW also advised that there was an element of double handling of the 'slurry'. Suggested that in future site inspections take place.	
			22/09/2011	NEC Docs identify different processes for 1 in 10 year event calc. DMF to obtain Paisley 1 in 10 info. DR and DMF to discuss. BMCL putting process in place whereby NHS advised immediately of any issues on site due to weather which may become an Adverse Weather claim	
			29/09/2011	BMCL obtaining data from the Met Office. GW and GT to meet and update next week – weather station now installed	
10501	BMCL-EWN-108	Laboratory Mortuary Walls and Ceilings	16/08/2011	The original Vinyl specification for the Laboratory Mortuary Walls and Ceilings is no longer viable due to the supplier (Polyclad) not being able to offer a warranty for the product being applied to Fermacel Board.	
			18/08/2011	BMCL to provide technical details and sample to PM.	
			01/09/2011	DMF advised that the sample had been signed off however awaiting paint colour matching to vinyl. PM to provide PMI	
			15/09/2011	DMF will chase up confirmation that paint colour matching ok	
			22/09/2011	DMF confirmed colour matching ok. PM to provide PMI	
			29/09/2011	PM to provide PMI then close off	
10514	BMCL - EWN - 109	Aquifer Borehole, Additional Monitoring	30/08/2011	Ongoing monitoring of the 4no aquifer boreholes has shown an increase in PAH. WSP Geotechnical have proposed increasing the frequency of monitoring from quarterly to monthly in order to identify any trends that could be associated with the readings, so that the Authorities are properly informed. This proposal will be put to the Authorities for acceptance, however it is noted that if statutory bodies have further requirements the NHS board will be notified accordingly. Cost associated with increase monitoring will be advised.	
			01/09/2011	BMCL to provide costs	
			16/09/2011	DS advised process up and running.	
			22/09/2011	PM to raise CE. BMCL to upload costs	
			23/09/2011	Cross reference with CE 029. Item closed	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 22/09/2011

Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
10114	NHS EW 033	Adult & Children's Hospitals -Secondary glazing panels	25 <sup>th</sup> May 2011  4/08/2011  18/08/2011 25/08/2011 01/09/2011  08/09/2011 16/09/2011 22/09/2011 29/09/2011	<p>The Board record their concern with the current design proposals for the removal or opening of the secondary glazing panels within single bedroom spaces. These panels are currently designed to be lift out and the Board consider that due to the size and weight of the 8mm glass panels (c2.1mx 1.2m) will represent a H&amp;S and maintenance access problem for the Board. The Board request that a mock-up is provided and other options put forward. Ongoing process with CDMC. Part of strategy meetings being organized by BMCL. JB confirmed that a mock-up of the window would be constructed over at the labs site. Advised that BMCL would a) set up a meeting, b) run through risk assessments, c) determine what needs to be done to make the NHS comfortable. BMCL were organizing for the CDMC to be involved. PM raised concern that as the mock-up is not full scale it would be difficult to understand the full weight of the glazing pane. BMCL had provided a method statement for the glazing removal which had allayed the NHS initial concern. This item would be closed out once the NHS review the mock-up. A query had been raised re operation (use of rod). BMCL would provide a further detailed drawing. DH reported that consideration needs to be given to hopper arrangement i.e. cannot be a dust/dirt collector. The method statement had been sent to the CDMC for comment.</p> <p>Work in progress until mock up produced. Drawing showing hopper arrangement to be produced and reviewed by NHS.</p> <p>NHS reviewed drawing re hopper arrangement and will review mock-up and provide comments back to DS. DS to provide date for NHS to undertake review. . JM will provide update to PM later that day.</p> <p>Advised that PM had provided confirmation to BMCL of what is to be built.</p> <p>DS requested partial sign-off of the mock-up panel whilst awaiting the Dunhouse buff. PM advised that DS would need to check that the GCC Planners were agreeable to sign off in stages. NHS requested to sign-off the new profile.</p> <p>Tertiary glazing mock-up to be provided by BMCL (2/3 rd sized).</p> <p>Glazing panel installed in samples room. PM requested panel be mocked up as will be in final state.</p> <p>Awaiting bulkhead and downstand to be formed. Concern re method statement for removal of panel</p> <p><b>Method statement not accepted and requires to be reviewed. BMCL to organize access strategy meeting with AS/DH/KC)</b></p>	Work in progress until NHS review mock-up.
10442	NHS EW 035	Laboratory Block Level 1- Integration of MSC Track Analyser Equipment	06/07/2011	<p>Preliminary details have been provided to show the location of track analysers and associated plant and these drawings suggest that space maybe required in Area 6 Level 1 plant room for compressors and water plant. Please review attached drawing and provide preliminary comment. MSC preliminary drawings have been issued and reviewed and an issue with space noted. It was noted that any additional costs for installation of Abbott equipment would not be a cost to the Board but should be directed to Abbott. BMCL are requested to report back to the Board any additions. Advised that the NHS were awaiting CAD drawings from the contractor (anticipated will take 6 weeks to receive). There was a reduction in benching requirements. NHS will identify from the CAD drawings if any impacts on installed drainage. PM requested that BMCL advised PM/AS when BMCL will cover in the ceiling.</p> <p>PM advised that Lorraine Peebles has equipment list databases for a) MSC already have and will transfer,</p>	



			<p>4/08/2011</p> <p>11/08/2011</p> <p>25/08/2011</p> <p>01/09/2011</p> <p>08/09/2011</p> <p>15/09/2011</p> <p>22/09/2011</p> <p>29/09/2011</p>	<p>b) MSC new equipment, c) other current equipment to transfer and d) anything which NHS will be buying new. The NHS team would match the equipment to specific rooms and would identify if any differences required to services (heating, lighting, power, etc). DP to flag dates when rooms are being closed off. DS suggested that the intricacies re actual location of sockets should also be cross-checked. As previously discussed with AS, there may be rooms in which the work needs to stop until details finally identified. BMCL were comfortable to work with the NHS to start/stop works to certain rooms.</p> <p>PM agreed to discuss with Abbott after the cooling off period and using the migration programme review when access would be granted. Insurance issues are still continuing with further discussion required by all involved. BMCL asked to see programmes in order to review and overlay with their own to understanding timing s and requirements of NHS.</p> <p>Discussion with Abbot will take place after 8<sup>th</sup> August (Contract signing). PM advised that the position of 1 receiving station for the pneumatic tube was not as planned and he would review and identify alternative position. Drawing had been provided to BMCL with a clouded out an area in area 1 where benching should not be fitted. LP had been requested to obtain a drawing from Abbot for track analyzer and confirmation of drainage pots. PM advised meeting with Haematology and Biochemistry and Swisslog and BMJ to identify location of track analyzer and receiving station had taken place. BMJ had been actioned to amend drawing to move 1 receiving station. NHS awaiting final CAD drawing from Abbot. PM advised that the full track will be installed and Abbot will try to work to existing drainage pots.</p> <p>Confirmed that a meeting had taken place to discuss the equipment list groups. The NHS Team would provide pre and post installation information. Anticipating that the Abbots drawings will be provided by Monday. DMF was requested to flag when becoming an issue for BMCL.</p> <p>WIP. Issued final CAD drawings to BMCL for BMJ to update drawings (31/08/2011). Track and supporting kit needs to be installed by 10<sup>th</sup> March 2012.</p> <p>PMI provided to release area – BMCL looking at implications – creating a schedule of changes</p> <p>BMCL have a schedule for internal review and will provide to NHS team early w/c 19/09/2011.</p> <p>DH awaiting exact detail from MA re changes to services. DMF advised that a schedule identifying the impacts of the various PMIs had been prepared. DMF, PM and AS to discuss</p> <p>Impact meetings to take place. Level 1 technical services details obtained PMI 105 issued noting tracking position. Date for Abbott to come in to tape of and ascertain areas for pipes. Details of works by Abbott to be syncd with programme to ensure no delays Abbots progress plan ready for next week vital to get programme clear so as to prevent any delays</p>	
10489	NHS EW 036	Adult & Children's Hospitals - Adult Vascul/Urology Theatre Room THE232	<p>27/07/2011</p> <p>4/08/2011</p> <p>11/08/2011</p> <p>25/08/2011</p> <p>08/09/2011</p> <p>15/09/2011</p> <p>29/09/2011</p>	<p>Brookfield are asked to investigate the cost and programme implications of enlarging theatre THE 232 as per the attached over-marked sketch, and reconfiguring the layout of the adjacent control room THE 240, X-Ray Bay THE 241 and single recovery bay THE 243. All re-planning must be contained within existing floor area. DMF advised indicative costs uploaded. NHS team to review costs. Meeting set-up with Project Team and Users 18/08/2011. AS checking activity of interventional procedures. Report received from Healthcare Planner to assist discussion with Director of Surgery and Users.</p> <p>AS advised that he would have decision by 5<sup>th</sup> September 2011.</p> <p>PMI to be provided re alterations to 1 theatre and removal of 1 recovery bay.</p> <p>DH advised have direction – absolute requirements will be defined on 27<sup>th</sup> September 2011 (Theatres UGM)</p> <p>Nightingales are completing drawings and will forward to BMCL for calculating any price difference</p>	
10495	NHS EW 038	Carbon Filters - A&C Hospitals	<p>09/08/2011</p> <p>11/08/2011</p>	<p>The Board advise that they do not want carbon filters installed in the new A &amp; C Hospitals. The Board however wish to retain the option to have carbon filters installed into the Air Handling Units. BMCL requested to provide indicative cost.</p>	

			18/08/2011	DR requested to check VE list	
			25/08/2011	DP currently investigating flexibility of drives for Labs. Anticipating that will be able to design appropriately for the A&C Hospitals. DP will confirm if any minor alterations to Labs is required.	
			01/09/2011	DP advised it was anticipated not having Carbon Filters is ok however there may be a few inverter drives needing tweaked.	
			15/09/2011	DP advised that design for A&C can be based upon there not being Carbon Filters	
			22/09/2011	BCML to provide cost saving info re removal of carbon filters in A&C Hospitals	
			29/09/2011	Cost saving still awaited for removal of carbon filters	



# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 22/09/2011:

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
444	PMI/General/052	Energy Centre - Visible Renewables	28/01/2011  4/08/2011  11/08/2011 18/08/2011  25/08/2011 01/09/2011 08/09/2011  15/09/2011 29/09/2011	The Board confirm the omission of the wind turbines currently proposed on the roof of the Energy Centre. BMCL to provide quote for deletion of turbines. NHS request BMCL to advise on other renewables which would fulfill ER's. BMCL to discuss with Board's Low Carbon Advisor and make proposals. BMCL have prepared a design proposal for discussion with the NHS Team. BMCL progressing discussions through Low Carbon meetings. BMCL have prepared proposals and are obtaining costs. Costs issued to NHS via Aconex re PV. Costs to be issued for omission of wind turbine (BMCL awaiting infrastructure costs from Mercury). BMCL awaiting confirmation to work up detailed design. Awaiting SL guidance where best to allocate resource. DP to ensure SL has info. DP to ask SL to discuss with AS. AS to email SL Advised agreed that PVs will be the option for visible renewables. Got indicative costs = need costs and design detailed. PMI to be issued re advancing PV design BMCL requested PMI to progress PV proposals and design <b>PMI written up and progress</b>	Work in progress
456	PMI/General/057	NCH Renal Water/Plant – Confirmation of requirements	02/02/2011	The Board would confirm the requirements for Renal Water as follows: Adult HDU/ICU as outlined in the ITPD Employers Requirements: confirm 5 locations in the isolation rooms nearest coronary care are to be provided. Additional requirements in Children's Hospital is the provision of a twin loop system with the following outlets: Wards: 6 bed locations and 4 dialysis stations; PICU: 3 locations; Labs: 3 locations; Ready to use stations outside lab: 2 locations = 18 in total BMCL to provide costs. BMCL requested a meeting to discuss renal points. DH provided a schedule of information as he had subsequently met with A&C Renal Reps. The A&C was largely unchanged however a no of points needed to be rebalanced. The acid concentrate was only required to 1 <sup>st</sup> 3 areas on list (Outpatients, Ready Use, Labs) – no need for acid concentrate on level 4 or critical care. NCH inpatient/outpatient/ready use/labs on 3 <sup>rd</sup> floor and PICU on 1 <sup>st</sup> floor. No acid concentrate reqd but twin loop is req'd. DP to provide proposal based on plant being on 2 <sup>nd</sup> floor. DR to discuss with GW. NHS need to prepare change control paper including reasoning why not adequate point included in initial brief. Adults Critical Care only requires a single loop but everything else requires twin loop. Proposing 1 plant room with resilience provided for each plant. DP to provide updated dwgs to FW & PM for approval. DH advised that the NHS Team still needed to get the drawings re location of renal plant. Confirmed that BMCL were updating the schematic. Once schematic reviewed, DP advised that schematic provided to DH and FW for review against schedule and meeting arranged for 1 <sup>st</sup> June to discuss. Schematic agreed. BMCL progressing. Further queries being raised as design progressing i.e. PICU loop. DP had met with FW and MM to mark-up the drawing. Schematic to be updated. Retained the pipework in NCH however PICU loop removed. DP would provide a final drawing and indicative cost. Drawing would be due this week. DP	Work in progress

			18/08/2011 15/09/2011 29/09/2011	<p>advised that BMCL were progressing on basis of what agreed with FW. He had a schematic with change hand-marked. The updated drawing would be provided through the RDD process. GW will provide indicative costs.</p> <p>Awaiting cost info from Mercury</p> <p>Awaiting cost info from Mercury – Mercury currently focusing on Equipment List pricing</p> <p>Still awaiting costs and progressed</p>	
471	PMI/General/064	Food Waste System - New Hospitals	14/03/2011	<p>The Board request BMCL to develop a proposal based on the traditional food waste disposal system incorporating Waste Disposal Units (food macerators) in all regen kitchens. The system must have its own pipe system which will initially feed into the Main Hospitals Drainage system(s) at basement level. The design must allow the opportunity to comply with future changes to regulation (i.e. not to connect into Hospitals drainage system) by ensuring that it is possible to configure all the waste disposal pipe system to be connected to an external mechanism for removing the waste from site, therefore, removing the connections to the hospital drains. This must include, easy access to pipes and installing appropriate valves and extension pieces to enable connection to an external system. There will be no requirement for the currently proposed collection/de-watering/cleaning arrangements situated at the waste compound (Labs Building). NHS to review and respond by cop nxt week. Board currently considering options, meeting supplier of potential solution 4<sup>th</sup> April. After the food waste meeting then meeting with Scottish Water should be organized to get their view on what can and cannot be put down the drains. Think still need to put in additional pipework to deal with regen kitchens with waste going into a separate system. If successful Board will confirm way forward and PMI will be issued to confirm no food waste to be stored within service yard. Trial organised to take place at IRH. NHS finalizing trial agreement. AS advised that KC had undertaken visits. System appears to be very impressive, simple to use and efficient. NHS identifying budget to install system at IRH. DP reported that option B has difficulties. If trial of system does not satisfy NHS requirements then need to identify a hybrid solution. DS commented that there was still space in basement to collect macerated waste. DP advised that he had spoken to KC. The trial at Inverclyde Royal was being progressed. The delivery of the unit was being organized for the Monday KC returns back from annual leave. Note required to say that BMCL would be buying the unit and NHS would be operating and installing the unit. NHS expecting machine to be fitted w/c 20/06. Fitting of machine delayed due to issue with valves. AS advised that W2O were undertaking the commissioning and training on 27/06/2011. System work okay – DP and AS to visit Inverclyde Royal Hospital to see machine working. AS reported that a visit to see the new machine in situ had taken place and that users were happy and AS agreed to advise the Facilities Director of comments. BMCL agreed that they would meet with the company Waste2 to discuss the possibility of fitting same system into A&amp;C and also discuss any implications ie Health and Safety. DP confirmed that the drain is sized for the macerator being installed. DP agreed to formally write to confirm. VE item – value to be added to VE schedule. DP to confirm how many machines will be required. DP advised that to meet the brief a machine per regen kitchen is required however some regen kitchens would not have enough activity to allow the machine to work properly. DP investigating whether the company could make a smaller machine. In addition, he did not think that all the regen kitchens had enough space for the machines to be fitted. DH advised that the Board were awaiting Environmental Health sign-off. If okay, then in principle the machines could be purchased. Key</p>	

			<p>4/08/2011 query remained as to whether manufacturer could provide a smaller sized machine. DH agreed to confirm if BMCL should continue discussions with manufacturer.</p> <p>11/08/2011 Environmental sign off required – PM agreed to chase confirmation of acceptance of the new system as invoice would be due for payment very shortly. BMCL noted they were still working on a unit size for the A&amp;C.</p> <p>18/08/2011 Design team review of regen kitchens based on current unit (size). 5 regen kitchens identified which would require a smaller unit. BMCL identifying solution.</p> <p>25/08/2011 DP providing solution proposal identifying how BMCL propose to meet ERs.</p> <p>01/09/2011 Work in progress</p> <p>08/09/2011 DP requested to confirm if machine needs to be licensed. DP to liaise with Richard Harland. AS confirmed that the machine would be left at Inverclyde.</p> <p>15/09/2011 Licensing requirements being investigated</p> <p>22/09/2011 BMCL to progress on basis of Inverclyde. KC + DP and James to liaise.</p> <p>29/09/2011 KC liaising with John Green (Board's H&amp;S Manager). View is licensing not required. JB advised BMCL have requested external legal advice.</p> <p>JB advised legal advised suggests that food waste machine will be interpreted as a waste transfer entity and will therefore need a license. Would need to demonstrate that grey water has no impact on water course. AS advised discussions ongoing with Scottish Government. Scottish Government want to use waste as food for creating energy – no waste does not fit with this position. BMCL requested to continue working on having Food Waste system. NHS investigating impacts and costs of having brock bins.</p> <p><b>KC is costing the different systems. BMCL instructed to continue with present plan</b></p>	
485	PMI / General / 065	Laboratory Block - Service Yard Management Proposals	<p>22/03/2011 The Board proposes to operate a secure service yard area and have developed a solution that will require the provision of automatic gates, fencing and signage. The attached drawings show the general arrangement of gates fences and the arm barrier into the service yard. Brookfield asked to convene a meeting with the Board's FM &amp; Project staff to review the drawings &amp; develop a scope of works for pricing. Brookfield are then asked to provide a price to supply &amp; install the relevant equipment. This PMI supersedes BMCL EW 055. DMF advised cost will be provided by cop 15/04. Costs received by Board, £74K excluding VAT. Board to progress. Confirmed that barrier is part of quote therefore revised costs reduced to circa £65k exc VAT. AS advised that KC will need to get agreement from Director of Facilities to progress on 13/05/2011. DMF suggested that decision re installing ducting was becoming time critical. PM advised to install ducting as per drawing at this time. Change control form with Director of Facilities for sign-off by COO. AS confirmed internal approval through Change Control process was not given. NHS to meet BMCL to revise the proposal to reduce costs.</p> <p>4/08/2011 NHS/BMCL require further discussion re spec and costs.</p> <p>11/08/2011 NHS Requirements being reviewed to minimize costs PM advised that he would be submitting a paper to the next ASSB for approval (September 2011).</p> <p>24/08/2011 AS advised that PM (BMJ) is checking out proprietary skids for service yard.</p> <p>01/09/2011 Cross reference with PMI 102</p> <p>22/09/2011 Revised Service Yard proposal agreed through Board's Change Control process. PM, DMF and DR to discuss</p> <p><b>PM to generate PMI approval to proceed</b></p>	
496	PMI/General/069	A& C - Provision of Fire	05/04/2011 The Board notes that in accordance with the Employer's Requirements (9.20 & 10.4) the	

		Extinguishers and Fire Blankets	11/08/2011 15/09/2011	contractor is to provide all fire extinguishers and fire blankets. GW advised 1200 sets at circa £50 per set. Total no of fire extinguishers to be identified. Total no of fire extinguishers required for touch-down spaces identified as 256. BMCL fire extinguisher info to be provided to NHS Team for review. Price had now been obtained and numbers to be reviewed. NHS reviewing indicative costs. AS and DR to discuss <b>NHS will confirm way forward post receipt of the Equipment List</b>	
529	PMI/General/082	Laboratory Project - Cafe Shell Space	25/05/2011  4/08/2011 18/08/2011 08/09/2011 22/09/2011	The Board confirm that they will use this space as a vending machine area, and require an indication of the cost alteration to provide the area as indicated on the attached sketch and as summarised in the description below. Omit the following; roller shutter door to space. Add the following; power points and water supply as indicated on the attached drawing. Floor finish and skirting as per adjacent atrium. Suspended ceiling with 4 no inlay 600x600 light fitments to suit area, ceiling set at 2.7m AFFL. Eggshell paint finish to walls. BMCL to provide costs. PM to check out change to paint spec = to be trade diamond. DS advised that the maximum width of door available is smaller than the opening. The floor finish could not be continued through as there is no recess. DS agreed to liaise with KC. BMCL early cost circa £5-6k. GT advised that the principles have been agreed i.e. egg shell to corridors and all other areas diamond matt. NHS to review costs. PM to discuss any costs with C&B BMCL agreed to obtain costs by close of July. BMCL uploaded costs to Sypro for review by NHS. BMCL reviewing quote as further costs may need to be added – not a critical programme issue. Costs uploaded by BMCL for NHS Review PM to provide PMI	
579	PMI/General/096	Laboratory Project - Adaptations to benching and gas points in Room L4/B/022	28/07/2011 01/09/2011 15/09/2011	Omission of laboratory benching and adaptations to gas points in main laboratory. BMCL to provide cost. Confirmed that BMCL received pricing – to be provided to PM <b>Cost provided by BMCL for NHS Review</b>	
581	PMI/General/098	Laboratory Block Level 2 - Adaptations for ASSAB benching in rooms L2/B/026, 027 & 029	01/08/2011 01/09/2011 08/09/2011	Omission of ASSAB worktop and some power and data points in 3 rooms within the Genetics area. <b>Confirmed that BMCL received pricing – to be provided to PM</b> <b>BMCL reviewing impact</b>	
584	PMI/General/099	Laboratory Block Level 1 Pod -Change of use 9 rooms - cancelled.	09/08/2011 08/09/2011 15/09/2011	The Board confirm the cancellation of PMI 079 and note that the use of these rooms should revert back to that as agreed at Stage E sign off. BMCL to provide price <b>Awaiting costs from mercury. Will be provided as soon as possible after the Equipment List had been priced</b>	
588	PMI/General/100	Laboratory Block - Level 4 CAT III Facility	17/08/2011  25/08/2011 01/09/2011 08/09/2011 15/09/2011	The Board confirm Brookfield Multiplex should proceed with builderswork to complete the CAT III suite based on BMJ drawing SK(70) 25.B issued 16th August 2011. BMCL to provide confirmation of controls and ventilation in the room. BMCL will provide a response to PM. PM cross checking against Biosafe reqs DS and PM to discuss Meeting being held later that day to discuss	

			22/09/2011	DH acknowledged response received from DS. On review response is confusing. DH and AS to discuss. DMF advised that in some instances would be better to leave items as in and install a second item in the preferred space to meet requirements i.e. IPS sink. JB advised that Atlas do not agree with all the Bio Safe requirements. Agreed that AS and DH to discuss in first instance, PM to be updated on return from leave and thereafter meeting to be arranged with NHS, BMCL, Biosafe and Atlas.	
			29/09/2011	Panels will require to be removed twice yearly for full inspection – not possible to create hinges to allow full removal	
593	PMI/General/102	Laboratory Project- Service yard Entrance Pockets for Gate Posts	23/08/2011 01/09/2011 29/09/2011	The Board confirm that pockets approximately 400x400x250mm deep should be formed to locate the proposed service yard gate posts. Cross reference with PMI 065 Close out	
595	PMI/General/103	Laboratory Block - ASSAB Benching	25/08/2011 08/08/2011	Rooms L2/B/055 & L3/B/021c Do not install ASSAB laboratory bench in arts of these rooms as indicated on the attached drawings. BMCL reviewing impact	
599	PMI/General/104	Laboratory Block - Level 4 Managed Service Contract Equipment Review	29/08/2011 08/09/2011	Adaptations to ASSAB benching after review of MSC equipment on Level 4. BMCL reviewing impact	
600	PMI/General/105	Laboratory Project - Level 1 Managed Service Contract Equipment Review	31/08/2011 08/09/2011	Adaptations and omission of ASSAB benching after review of MSC equipment on Level 1. BMCL reviewing impact	
601	PMI/General/106	Laboratory Block Level 1 Pod - Position of Sharps Boxes	06/09/2011 08/09/2011	Install Group II sharps boxes as per attached marked up drawings. BMCL to provide price – reason for costs for fit of new equipment	
603	PMI/General/108	NSGH Schedule of Cost Components	12/09/2011 29/09/2011	The Contract Schedule of Cost components has been amended to incorporate the following agreed post contract changes:-  1. lease costs, at reasonable market rates, of temporary office accommodation (outwith the Working Area) for use by the Project Team, prior to the Working Area offices being installed and commissioned 2. lease costs, at reasonable market rates, of land (off Hardgate Road) for use as temporary car parking 3. costs associated with the procurement and storage of materials off site as authorised by the Project Manager under a Project Managers Instruction Only requires to be accepted by BMCL to move forward	
606	PMI/General/109	Visible Renewables	23/09/2011	The Board requests that on the basis of the wind turbines being removed from the scheme (cross reference PMI/General/052) that Brookfield provide a detailed proposal for the use of photo-voltaics to achieve the Board's requirements for renewable energy. This PMI supercedes PMI/General/052.	

The following Compensation Events are awaiting close out as at 22/09/2011:

Sypro ID No	NHS Ref No	Item	Date Issued	Status
6043	CE 024  29/09/2011	Laboratory Block - Fume Cupboards and Safety Cabinets The Board confirm that Brookfield Multiplex should proceed and enter into contract with the lowest tender for the supply, installation and full commissioning of all the cabinets included within the Board's specification as tendered. Size of cupboards to be confirmed with users – drawings required as soon as possible DP advised that manufacturers build slot is 2 <sup>nd</sup> September.  Drawings returned to BMCL – only a few queries outstanding. 1 Fume cupboard still showing has a hepa filter. DP to provide details and thereafter PM to confirm.  Additional costs re mark-up drawings. DMF will provide costs asap DP confirmed hepa filter removed from all fume cupboards Closed	25 <sup>th</sup> May 2011	Closed
6261	CE 028  29/09/2011	Delay to Linthouse Burn Diversion (George Leslie Delay claim) The Board acknowledges that there was an element of delay to the Linthouse Burn diversion works which could be attributed to the NHS. This CE confirms that the Board agrees that the sum of £75k (inclusive of Overhead, profit and VAT) is attributed to the NHS. This CE closes out BMCL-EW-065. Closed	12/09/2011	Closed
6278	CE029  29/09/2011	The Board accepts the proposal to increase the groundwater monitoring from quarterly to monthly until May 2012 in order to identify any trends that could be associated with the PAH level as agreed with GCC. This CE closes BMCL - EWN – 109 (Sypro 10514) Closed	23/09/2011	Closed
		PMI to be issued for Service Yard security		



- 1) PM to provide PMI re clarification of SHTM compliance requirements in Labs Facility. Work in progress DH and DS to progress DP to provide list of where design meets SHTM . List with Wallace Whittle for review
- 2) A&C Ground Floor drainage design - BMCL to raise an EW. Proposal being prepared via Jim Murray for NHS approval – **input to Sypro**
- 3) Borehole report received. DP will provide to NHS team. List of queries to be identified and then meet with Business Stream. DP advised need to provide justification re meeting on-site water requirements. ZBP providing firm number to work within – **DP will conclude next week with Steve Pardy**
- 4) RDD Schedule – updated schedule required urgently by NHS Team – **to be forwarded to NHS by end of week**
- 5) **Multi-tone – AS further investigating quote/requirements – REMOVE complete**
- 6) Labs Plant rooms – BMCL requested to provide costs for a) tank all the plant rooms, b) tank only the plant rooms in the pod, c) tank wall/bund in mortuary



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 13/02/2013:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			08/03/2012	with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.
			05/04/2012	GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.
			12/04/2012	BMCL have instructed Dunnes to produce method statement.
			31/05/2012	A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.
			27/06/2012	DS advised that final test can only be carried out once Biochemistry has been demolished.
			05/07/2012	Demolition access from 22 <sup>nd</sup> August 2012
				GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW
			02/08/2012	Biochemistry site investigation works will be undertaken.
			16/08/2012	BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28 <sup>th</sup> August 2012 NHS date – NHS to confirm 28 <sup>th</sup> August is ok
			23/08/12	DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs
			30/08/2012	BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.
			06/09/2012	Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.
			13/09/2012	Demolition works substantially complete – no issues raised thus far
			20/09/2012	DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.
			18/10/2012	Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.
			25/10/2012	DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.
			15/11/2012	DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected. Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC. Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.
			22/11/2012	DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K
			29/11/2012	DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.
			06/12/2012	DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide

			<p>13/12/2012</p> <p>20/12/2012</p> <p>10/1/2013</p> <p>17/01/2013</p> <p>24/01/2013</p> <p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p>	<p>an estimate of what needs to be dug out for AS by 07/12/2012</p> <p>DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&amp;A session would be beneficial. DS acknowledged that the report was difficult to read.</p> <p>DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.</p> <p>DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.</p> <p>DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.</p> <p>DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.</p> <p>DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.</p> <p>DH advised that a response from URS had been received and was under review by AS.</p> <p>DH advised that he had provided a draft response for AS to review</p>	
8996	BMCL-EWN-79	BMCL request PMI due to planning condition change at junction of Shieldhall Road & Hardgate Rd	<p>22/02/2011</p> <p>24/11/2011</p>	<p>BMCL request a PMI for the Works associated with the changes to the junction at Shieldhall Rd / Hardgate Rd as now required by LPA Condition 11 of permission 10/01779/DC, as this currently sits outwith BMCL Scope of Work. BMCL are aware that it is the Boards intent to pay for this additional work from the Section 75 agreed monies. BMCL will pursue this. DS advised that GCC have added an extra condition re upgrading junctions at Hardgate Road and Shieldhall Road.</p> <p>DS provided overview of how the filtering would work. DH advised that the Board had instructed the works direct therefore this item could be closed. DS advised that the filtering works had implications on the planning application condition 11 as the works needed to be concluded before this condition could be closed out. DH advised that the works had been instructed through Peter Toal. It was agreed that this item should remain on the tracker as a reminder.</p>	/11/2011 To remain on tracker as a reminder
12023	BMCL-EWN-118	Out of tolerance piles	31/01/2012	<p>Piling – NHS advised by BMCL that a crop of 3 piles were out of position and outwith tolerance. WSP saying foundation cannot move. On BMCL critical path. WSP have designed a mini-pile solution (9 mini-piles to be put in). Mitigation of programme early warning. Ongoing investigation of all pile locations and reason for some being out of position. Impact on defined cost. PM to advise Capita. Advised that BMCL had commissioned an independent survey to check the piling. Skanska been advised that they need to prove piles are in correct position. Mini piling rig coming on site on Wednesday 18<sup>th</sup> Jan. 3 locations had potentially been identified and no further locations were expected (12/01/2012) Confirmed that</p>	

			<p>mini-piling rig is now onsite and started however works not progressing as quickly as would have hoped. BMCL will have costs allocated against a separate cost line so can see the costs out and back in when the insurance comes through. JB confirmed that this issue is an insurance claim matter. DR suggested that AMc would need to be informed re cashflow. GW reported that BMCL would not move the £125m. BMCL will raise an EW as surveys have identified issues with 35 piles. GW reported that the supporting info would be uploaded as well i.e. insurance, Loys Surveys. DH raised concern that the works had been commenced before the design strategy had been signed off. GW advised this had not been the case and agreed to confirm the work commence and sign-off dates (26/01/2012) JB confirmed date of loss adjustor meeting (10<sup>th</sup> Feb). URS, DR and AS will attend from the NHS.</p> <p>27/09/2012 3 piles to be investigated. It was agreed to forward the drawings to Capita for information and WR will be instructed to liaise with BMC. WSP noted in their report that some of the piles being investigated were out of their concentric limits but within performance tolerance. Skanska had agreed to provide warranty for the affected pile and BMC will update Capita</p> <p>04/10/2012 JB advised that BMCL were meeting with Marcus Gresham later that day so that an update can be provided on the insurer's position re the claim. JB would provide an update to NHS thereafter.</p> <p>11/10/2012 JB provided an update re the insurance claim. AF advised that 1 pile in zone B and 2 piles in Zone L had been replaced with mini piles. The mini-piling rigs were now off site. Piling – still in hands of insurer. BMCL concern – less deductible – BMCL continuing to argue the case. BMCL consider should be £50k deductible but is dependent on what clause insurer decides to deal with the claim under. Spent £2m and think may only get 0.5m back less the £50k. Insurers meeting to discuss. BMCL still advising due to temp works. Told Dunne it is Dunnes/Dunes Engineer(OGI) who are responsible. All piles have now been checked. Previous surveys done on piles at risk (within batter). AS was requested to provide the no of piles outwith the batter v/s no of mini-piles (ratio) (11/10/2012)</p> <p>18/10/2012 JB advised that the Insurers market meeting had taken place the previous day and he would provide an update as soon as one had been received.</p> <p>25/10/2012 GW advised that the works were finished and BMCL were awaiting the report from the loss adjustor (expecting this to be received in a couple of weeks). JLT liaising with the 5 main principle insurers on BMCL behalf.</p> <p>08/11/2012 BMCL awaiting the outcome of the Insurer Market meeting</p> <p>22/11/2012 No information returned from insurance company</p> <p>06/12/2012 GW advised that JLT is still liaising with insurers.</p> <p>20/12/2012 JB advised that BMCL had recently provided a copy of the programme had mitigation measures not been taken i.e. 7 week delay (including float period). BMCL were pursuing this element of the policy.</p> <p>31/01/2013 JB advised that BMCL will chase for an update from the Brooker.</p> <p>07/02/2013 JB noted that he was meeting with Ian Wiltshire on 13/2 to receive an update on progress. A meeting with the loss adjustor is scheduled for later in Feb 2013. BMCL have received some compensation.</p> <p>14/02/2013 JB advised that he had met with Ian Wiltshire to review the information that had been previously sent in preparation for the forthcoming meeting with Marcus Gresham (25<sup>th</sup> Feb 2012 at 10am?) Date and time to be put in Alan and Douglas's diaries.</p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012 Workflow report showing overdue RDD documentation. We note that this late response may effect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been</p>	

			12/04/2012	returned. D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.
			22/11/12	DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.
			07/02/2013	DH advised that items are being addressed.
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting

				that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.	
15473	BMCL-EWN-128	Hardgate Road - Section 96	<p>21/06/2012</p> <p>04/10/2012</p> <p>11/10/2012</p> <p>11/10/2012</p> <p>18/10/2012</p> <p>25/10/2012</p> <p>08/11/2012</p> <p>15/11/2012</p> <p>22/11/2012</p> <p>29/11/2012</p>	<p>DS advised that he was going to organize a safety study on the two road access. GCC were requesting a discussion re resurfacing. AS noted that this was not a Board issue. DS advised that his view was to limit to 15m either side of the junction. JB enquired about the CP1 entrance road. DS advised that would be part of a separate discussion and suggested that a separate RCC for the CP1 entrance road would be required.</p> <p>DS advised that there had been communication between GCC and WSP re resurfacing work. BMCL do not have the budget to carry out these works and it was never expected that these works would need to be carried out by BMCL. BMCL will raise an EW. DR suggested that BMCL request their Planning Consultant to advise GCC that this not BMCL works. DR suggested that this was part of section 96 works. DS advised that the implications of refusing to do these works. PM suggested that BMCL should organize a meeting to discuss. DCampbell and J Miller to be asked for their thoughts.</p> <p>Section 96 costs attributable to resurfacing of hardgate road</p> <p>Noted that EW raised earlier that day re Section 96. Section 96 gives GCC the right to pursue someone who has used the roads excessively to pay for resurfacing works. AS advised that BMCL need to write to GCC advising not doing the roads as not liable. Discussion needs to be had re who is responsible as AS considers that BMCL responsible as Planning Risk is BMCL. JB noted that there is no budget for resurfacing roads outwith the site. DS advised that he did not believe that sorting road outwith site is part of Planning. DS would need to see the official response to/from GCC. WSP to advise that dilapidation surveys have been undertaken and the road(s) were never in a good condition.</p> <p>JB noted that WSP were to write to GCC reminding of previous correspondence and survey results. GW advised that the Planning Consents against the RCC were being checked. DH noted that the Act for 56 also gives opportunity for GCC to request/instruct reasonable works.</p> <p>DS advised that he had met with the WSP reps on Monday and would provide feedback to the NHS asap. AS requested copy letters of what sent to GCC. AS raised concern that WSP were not issuing letters to GCC timeously.</p> <p>PM advised that NMCGarry had confirmed at a meeting the previous day that the letter had been issued to GCC. PM requested a copy of the issued letter be provided to the NHS team. DS noted that AS had seen the draft letter prior to issue.</p> <p>Response awaited from GCC</p> <p>DS produced a letter from GCC received yesterday. The letter noted that they road had disproportionate wear for around 600m and that BMC would be required to contribute to repairs. DS wants to understand the reporting process in more detail. MS suggested that we should be prepared for an appeal and it would be advisable to prepare a strategy in advance of this being necessary. DS would liaise with WSP to prepare a response.</p> <p>DS advising that he was looking for GCC to show records i.e. condition of road before BMCL started on site. DH enquired if the repairs request referred only to Hardgate Road an DS confirmed that it related to 400m Renfrew/Govan Road and 200m Hardgate Road. DS advised that he was disappointed with GCC as BMCL had assisted GCC re the controlled parking on the basis of being provided with help re loading however GCC requested that BMCL submit an application for the loading and subsequently rejected the</p>	


			<p>06/12/2012</p> <p>13/12/2012</p> <p>20/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p> <p>24/01/2013</p> <p>31/01/2013</p> <p>08/02/2013</p> <p>14/02/2012</p>	<p>application. PM enquired if these works would take place at the end of the Project. DS suggested that the works would be much later in the job as consideration needed to be given to traffic lights, etc. DS would provide feedback re response from GCC.</p> <p>DS advised that GCC have been requested to provide proof that the road was in a good condition prior to BMCL starting on site. PM advised that NMCGarry had suggested at the Hospital Design Group meeting that the only way to resolve this may be to have all parties meet.</p> <p>AS confirmed that he had received a copy of the letter which had been issued to GCC re the road condition. DS noted that response to letter was awaited by BMCL.</p> <p>DS advised that he would progress ongoing discussion with GCC early in the new year i.e. GCC response to the BMCL letter. DS suggested that a joint NHS/BMCL meeting may be required.</p> <p>DS confirmed that there had been no response received from GCC. DS advised that he was pushing GCC for a response. Understood NHS meeting with GCC Planners soon. AS advised that the NHS were meeting with the GCC Planners to discuss a range of issues of which Hardgate Road issue will be raised. DS noted that AS had a meeting scheduled with GCC on 22/01/2013. BMCL were still pursuing a meeting with GCC through DCampbell. GCC have now advised another rep (3<sup>rd</sup> rep since trying to organize meeting). DCampbell had managed to get a hold of the recent GCC rep who appears to be happy to come down to the site to meet. AS suggested that WSP should meet with GCC and push back the roads issue to GCC. DS agreed to liaise with AS later that day.</p> <p>AS advised that he would ask HGriffin to write to Jim Fleming to seek confirmation that Fastlink will resurface the road between Thales and the new hospital site entrance. DS advised that DCampbell was meeting with GCC and it would be beneficial to get DCampbell the fastlink plans. DS was meeting with DCampbell on 25/01/2013 and would confirm whether DCampbell had managed to arrange a meeting with GCC.</p> <p>DS advised that a meeting with the GCC Roads rep was scheduled to take place on 14<sup>th</sup> Feb 2013. AS advised that a minute of the meeting between GCC and NHS had been prepared and the minute includes a point re the road to be resurfaced between Thales and the hospital site entrance by Fastlink. AS agreed to provide a copy of this para to DS for info and also to provide info re the 6 phases.</p> <p>AK advised that something needed to be done with the road at the gate. BMCL may fill in 1 or 2 pot holes. Temporary repairs would be carried out to Haul Road. AS requested that a complaint be lodged with GCC re the condition of the roads. DS advised that the condition of the road would be raised with the GCC rep when on site on 12<sup>th</sup> Feb 2013. DS advised that he had received the note from HG re NHS discussion on Fastlink and WSP asked to play back in their discussions that there is an expectation that GCC will be doing the roads.</p> <p>JB advised there was no further update to that provided at the recent PMG meeting i.e. meeting held on 12<sup>th</sup> February, GCC acknowledged they have a degree of responsibility, intimated GCC looking for 60/40 split, DS asked for a joint meeting to be arranged with GCC, BMCL quantifying the costs involved. It was understood that GCC was reviewing what needs to be done the road now.</p>	
15474	BMCL-EWN-129	Sub compartment Additional Fire Doors	<p>11/10/2012</p> <p>11/10/2012</p>	<p>Meetings ongoing with building control who are requesting additional sub compartment fire doors. Assistance from NHS Ops staff on operational restrictions such additional doors would impose.</p> <p>Noted that Building Control were requesting additional doors to be put in. AS was under the impression that BC had asked for 4 sets of doors (early areas) but that the number of doors had now doubled. A review of all areas identified, on the basis of the current request, that a total of 40 additional doors could be requested. DS noted that the additional door requirements need to be bottomed out asap. JB acknowledged that the additional doors were part of defined cost however the BMCL risk/contingency pot</p>	



			<p>18/10/2012</p> <p>25/10/2012</p> <p>08/11/2012</p> <p>15/11/2012</p> <p>22/11/2012</p> <p>29/11/2012</p> <p>06/12/2012</p> <p>13/12/2012</p> <p>20/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p>	<p>was getting low. AS suggested that BMCL should organize to meet with BC with Stephen Gallacher and Fiona McCluskey so that they can explain the operational difficulties which will occur should additional doors be put in. AS requested that DS mark-up plans/drawings of the possible additional doors and SF to organize meeting with DS, AS, PM, DH and FMc to go through. JMurray to prime BC that NHS will be attending the next meeting to discuss operational difficulties/safety which additional doors will create. DS advised that he has asked J MacLean to confirm that door furniture not required. AS suggested that the NHS should meet with J MacLean. DS advised that he would liaise with K Hamill re door furniture. DH noted that Building Control have confirmed to G Burnett that 1 door can be removed i.e. reduced no of doors from 8 to 7 in G&amp;D. AF advised that works were due to commence re cutting in and consideration would need to be given to putting dampers in. DH advised that the locations of potential additional doors had been identified. AS noted that there was a meeting scheduled for 19/10 and the NHS would await feedback from DS. DH noted that DS was identifying who was best placed to contact J MacLean. AS requested that DH liaise with DS on 22/10 re contacting J MacLean.</p> <p>DH advised that a meeting with Building Control had taken place on 23<sup>rd</sup> October. The doors in zones D&amp;G had been agreed with the exception of Coronary Care and BMCL/NHS were still attempting to get these additional 2 doors removed. Zones E&amp;H had been reviewed and agreed and GB was preparing a formal submission to GCC. Most of the requested additional doors are on ceiling lines to minimize disruption. The total number of additional doors (excluding the wards) was now circa 30nr. DS advised that he would be meeting with JMacLean the following week to discuss Ironmongery.</p> <p>DH noted that concluded G&amp;D additional doors discussion with GCC and 2 additional doors agreed to Critical Care. E&amp;H proposal being submitted. The rest of the building has been reviewed and the submission being pulled together. DS advised that JMurray being asked to submit info to GCC w/c 12/11/2012. DS suggested that there were still circa 30 doors. DH advised that the 30 doors were mostly upgrades.</p> <p>DH advised that GBurnett had provided the proposal to be given to Building Control. DH would review this asap. DS advised that he wanted the info to be sent to Building Control asap so that the forthcoming meeting with Building Control has a meaningful discussion.</p> <p>DS reported that an assessment has taken place with Building Control and is now awaiting report. DS will arrange a meeting with Raymond Barlow.</p> <p>DH advised that a submission for the full building had been provided to Building Control. The proposals had been discussed at various meeting with Building Control and no issues had been raised. It was not expected that Building Control would request any substantial changes. Feedback was awaited and once provided DS would update the group. DS was meeting with R Barlow on 6<sup>th</sup> December 2012. DS suggested that the total number of additional doors, including the tower, was circa 50.</p> <p>DH advised that comments regarding some fire doors/locations were awaited from Brian Tierney. BT had asked for some clarifications. It was hoped that the additional doors issue could be concluded before Xmas.</p> <p>DS advised that feedback was awaited however expected by w/e 14/12/2012.</p> <p>DS suggested that discussion re 6 doors was still to be concluded. DH suggested that JMurray had intimated that all the doors had been concluded however BMCL were awaiting confirmation re use of mag locks. DP concurred with DS that 6 doors were to be concluded. It was agreed that the total number of additional doors (circa 50)</p> <p>DS advised that there was a meeting arranged for 15/01/2013 to finalise points/rubber stamping exercise. DS advised that he was meeting with Building Control on 22/01/2013. GCC want to liaise with BTierney</p>	
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			24/01/2013 31/01/2013 07/02/2013	before signing off – BTierney is off on leave until the end of January 2013. DH advised that 1 door in the the 23hr unit requires further work – GCC do not want a smoke bulkhead but want a door – for observation purposes the NHS would require a small glazed screen. DH would provide comments to GBurnett later that day re other GCC amendments. DS noted that Building Control need to do a statutory consultation with the Fire Service (21 days). An update is awaited in due course. DH noted that proposals with Building Control who were awaiting comments from the Strathclyde Fire Brigade.	
16593	BMCL-EWN-134 -	December Exceptional Weather Conditions.	23/01/2013 24/01/2013 07/02/2013 14/02/2013	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 12. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1(13) of the Contract. DR and GW to discuss. GW to confirm impacts. It was noted that JB had provided info to DR for review. BMCL were identifying the associated costs. GW noted that BMCL would be preparing a schedule of what measures had been taken to deal with the bad weather. AK reported that he had brought in extra men to help keep the plate clear. GW reported that the low temperatures were also having an impact on the rendering works as there is a minimum temperature for rendering. DH advised that BMCL needed to confirm how the adverse had impacted and noted that out of the 15 days adverse weather in December 2012 there had only been 5 of these days as working days. GW reported that the December bad weather had impacted on the January works.	
16740	BMCL-EWN-00135	Retained estate heating connection	31/01/2013 07/02/2013 14/02/2013	Change in location of retained estates future heating connection, please confirm your agreement and acceptance. Move the 150mm 1.4MW F&R from corner of children's hospital to the back of the crawl way/ corner of neo. natal as shown on the attached sketch SK-DPM-004 30/01/13 AS noted that this needed to be discussed DH provided an overview of the plan and advised that he had liaised with DP and would discuss with AS. DH agreed to provide a PMI to confirm the works. DP asked for the PMI soon as Mercury were holding back on ordering the pipe.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 15/02/2013

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
10114	NHS EW 033	Adult & Children's Hospitals -Secondary glazing panels	25 <sup>th</sup> May 2011	The Board record their concern with the current design proposals for the removal or opening of the secondary glazing panels within single bedroom spaces. These panels are currently designed to be lift out and the Board consider that due to the size and weight of the 8mm glass panels (c2.1mx 1.2m) will represent an H&S and maintenance access problem for the Board. The Board request that a mock-up is provided and other options put forward. Ongoing process with CDMC. Part of strategy meetings being organized by BMCL. JB confirmed that a mock-up of the window would be constructed over at the labs site. Advised that BMCL would a) set up a meeting, b) run through risk assessments, c) determine what needs to be done to make the NHS comfortable. BMCL were organizing for the CMDC to be involved. PM raised concern that as the mock-up is not full scale it would be difficult to understand the full weight of the glazing pane. BMCL had provided a method statement for the glazing removal which had allayed the NHS initial concern. This item would be closed out once the NHS review the mock-up. A query had been raised	Work in progress until NHS review mock-up.

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				re operation (use of rod). BMCL would provide a further detailed drawing. DH reported that consideration needs to be given to hopper arrangement i.e. cannot be a dust/dirt collector. The method statement had been sent to the CDMC for comment.	
			20/09/2012	DS advised he would liaise with MS and confirm mock-up date. JM advising NHS that mock-up may be 2 <sup>nd</sup> week October. AS advised that BMCL needed to ensure that any NHS comments/changes can be made.	
			27/09/2012	JB advised that mid October was programmed	
			04/10/2012	DS advised that he would raise an EW against Structal. PM advised that it had been suggested the mock-up would be available end of October 2012. There was concern if what is shown in the mock-up is not as expected then could cause serious difficulties. PM requested that BMCL confirm the date for the mock-up.	
			11/10/2012	AS noted that the NHS Team had been provided with a photo. Mock-up awaited.	
			25/10/2012	DS reported that he had been advised that the panels were en-route.	
			08/11/2012	DS advised that the mock-up was going through the QA process. PM advised that he would ask KC to mark-up a drawing of where the mock-up is to be located/fitted.	
			15/11/2012	Mock-up arrival anticipated w/c 19 <sup>th</sup> November.	
			22/11/2012	Location of sample agreed within service yard. Sample is scheduled for delivery to site on Saturday 24 <sup>th</sup> November	
			29/11/2012	PM noted that the tertiary glazing panel had arrived and that some NHS reps had a preliminary look at the sample. It is proposed to organize for the rest of the NHS Project Team to look at the mock-up. The NHS will provide feedback asap. AS has a concern re the extended length of the white cable. The mechanism appears to be a bit stiffer than the previous small mock-up however it was acknowledged that this may be due to the mock-up being full size. The NHS concern re the slat size had been resolved – mock-up provides good vision through.	
			06/12/2012	DS advised that SUK were due on site that day to review the wand and mechanism.	
			13/12/2012	Noted that a review of the mockup had been organize for later that day	
			20/12/2012	PM advised that the NHS had reviewed the blind mock-up. In summary, the NHS was agreeable to the blind colour, curvature and the NHS had seen the removal of the blind. The NHS was awaiting the mechanical fixing info. AK advised that he was checking if the window was sealed at the edges. AK commented that the panel was difficult to remove. JB enquired if it was worthwhile getting a sign-off sheet for the blind mock-up. DS advised that he would provide a copy of the AK marked up JB email to PM in order that PM can add/confirm comments. AS suggested that the wand fixing could be shortened.	
			10/01/2013	AK advised that he had met with Structal. Concern re shortening the flex as this could put more stress on. Securing of blind and clip under review. Revised arrangement should be ready by end of Jan for review by NHS.	
			17/01/2013	AK noted that there was no further update from discussion at PMG meeting on 15/01/2013. BMCL were pushing to have the mock-up complete by end of January 2013 however were awaiting confirmation from Structal.	
			24/01/2013	AK advised he was awaiting confirmation from Structal re date for finishing - panels due to start to be delivered 18 <sup>th</sup> February 2013. The first of the units should go in mid February 2013. DH enquired if the windows would be delivered with all the changes done. AS enquired if the access panel would be easier to remove. DH requested that AK confirm that the 18 <sup>th</sup> Feb delivery of windows will be with or without the blinds and requested that a method statement be provided for the fitting of the blinds. AK advised that he would progress the window issues before the next meeting.	
			31/01/2013	AK advised no change from the PMG discussion. AK had received clips for the wand and was trying to ascertain if there were any more samples awaited. AK wants to discuss to discuss fixing the clip to the	


			07/02/2013	<p>bead as it was his preference not to fit it to the bead. The brackets for fitting the panels had arrived on site the previous day.</p> <p>AK advised that Structal had identified a solution for securing the blind. BMCL were awaiting a demonstration. The wand retainer samples (1 sample in 3 different colours) had been received. Structal currently proposed to put the wand retained onto the window which AK was not happy with. AK proposed to show the wand retainer clips in different positions so the NHS can choose. The Structal rep is on site so BMCL can re-emphasize the importance of sorting issues. The first delivery of windows are due today (07/02/2013). The first delivery of windows are open so that the blinds can be put in. Once the blind solution is agreed the windows would have the blind incorporated for future deliveries.</p>	
			14/02/2013	<p>AK noted that he had received an email requesting the NHS review and would confirm the date/time as AK was wanting to ensure that the Structal rep was present during the NHS review.</p>	
15906	NHS - EW 047	Equipment List	28/11/2012	<p>The Board note that the updated equipment list originally due mid-October was issued on 27th November 2012 and is not in a format which can be readily checked as there is no location information other than NCH/NSGH and Podium/Tower.</p> <p>In order to be able to assess the updated list and respond, the Board require the room by room data as issued with previous iterations.</p>	
			29/11/2012	<p>GW advised that he was awaiting Nightingale's providing access to the database. GW had the same concern as the NHS Team however that the list provided by BMCL to the NHS was in a better format than that provided to BMCL. DH suggested that there appeared to be a formula error in the spreadsheet. GW advised that there was not a formula error as there were circa 7000 new items. DH suggested that BMCL should raise an EW back to Nightingale's. DH suggested that the list had 19 extra hoists. GW advised that there were not 19 extra hoists and that he would need to liaise with FW as Nightingale were suggesting that there was a room classification issue. DS agreed to raise the need for the Equipment List in a format that can be used with Neil Murphy.</p>	
			06/12/2012	<p>DH advised that he had reviewed the component schedule, deleted some headings and provided back to AKerr. GW advised that he thought the component schedule works for the NHS and that JW and AB understand the component schedule better and allows the NHS to analyse. PM enquired when the NHS would get a fully functioning Equipment List. DS advised that the Excel spreadsheet was the limiting factor – cannot be extended large enough to allow all the information to be input – the information has had to be put into an Access Database. DH enquired if the Access database was importable into ADB. PM suggested that the list could be broken down into Tower, podium and NCH. GW advised that he could provide as 3 lists as he had this however it could not be linked as doesn't show room names. DH raised concern that there appeared to be an additional 700 bedheads. GW requested that any obvious queries are provided to GGC. GW advised that access to the database and training has been offered. DS suggested giving access to Robert Stewart.</p>	
			13/12/2012	<p>GW advised that AKerr had spent a lot of time on preparing the equipment list. DH was requested to liaise with AK later that day to have a look at what had been done to the equipment list.</p>	
			20/12/2012	<p>DMF advised that BMCL were making good progress towards providing a fully functioning equipment list to the NHS. BMCL had returned to Nightingales. BMCL had prepared a co-ordinated component list and equipment list. It was thought that the current format worked for the NHS. BMCL had a conference call organized with Nightingales later that day in order to finalise discussion re discrepancies between previous separate lists and fully co-ordinated list. It was anticipated that the latest equipment list would be provided to the NHS by cop 21/12/2012. DS noted that the equipment lists is an iterative process therefore the equipment list reflects a point in time. The Equipment list had been updated to reflect the latest changes to</p>	

				<p>production group series drawings. DH noted that there were no major changes from the sweep-up. AS enquired what was the pressure after the new year for NHS and BMCL. DH advised that BMCL had provided a list of the group 2 equipment requirements for Critical care, theatres, etc. Need to agree where items are being delivered to. AS noted that there would need to be a continual overview of the cashflow. DS advised that it was proposed to add in a column to the Equipment List to note what drawing rev the information relates to. DH advised that the next stage in the process was to produce 'departmental' equipment lists so can go to users and get them to confirm how they can fulfill the items listed. JB advised that there were 2 iterations of the Equipment List remaining i.e. 1 after the sweep-up and 1 at the end of the job (as built).</p> <p>10/01/2013 DMF advised that latest Nightingale output is expected that day and would be provided to NHS on 11/01/2013. DH advised he had met with RS to advise what information would be provided. The issue was due to compatibility of the IT package. PM noted that RS needs to work it through. DMF suggested that everyone was more comfortable with the information to be provided. AS advised that it was imperative that there were no issues with RS.</p> <p>17/01/2013 DH advised that the Equipment list had been received. The NHS Team were working through the list. DH was concentrating on the group 1 equipment and FW was concentrating on the group 2 equipment. DH had priced the list. DH was awaiting the cost info and neutral databases. GW noted that AKerr was pushing to obtain the neutral databases. GW would liaise with AKerr re the pricing info and would liaise with DH re DH's pricing of the list. DH noted that there were a few anomalies i.e. a) hoists – asked for 300 and list identifies 310 and it is difficult to identify the erroneous 10 and b) Xray bariatric hoists – have 4 bays and 4 hoists – would most likely require only 1.</p> <p>24/01/2013 DH advised that the NHS are awaiting the cost detail however there is an agreed position with BMCL re key items. NHS need confirmation of what the list and costs are based on i.e. sign-off drawings with the comments included. GW advised that the equipment list provided the drawings no reference. JB suggested that the equipment list did not include all of the sweep-up. DH suggested that the equipment list was based on the signed off drawings but did not incorporate all of the amendments/comments to the drawings. It was acknowledged that a final and as-built lists would be run.</p> <p>DH advised that he was working through the equipment list review - knocking off key items i.e. hoists, canopies, pendants – currently looking at split sockets. The NHS would proceed to order on the basis of the of list and would continue to call items off –there were no issues moving forward. GW enquired what allowance had been made for damaged equipment and DH suggested that GW should ask RS this question at the next Equipment Group meeting.</p> <p>31/01/2013 DH noted that further to AS's email there had been no comment/statement from Nightingale re what drawings the information is based on. NHS still awaiting cost info. GW noted that he would meet with FW and DH to discuss the changes to equipment groupings further to HMc amendments (majority of change is from group 3 to 2).</p> <p>07/02/2013 It was noted that the costing for the Equipment List was expected on 08/02/2013. DH suggested that BMCL should put in allowances for some items i.e. monitors. DH raised concern that he was being advised that items have already been bought without the Users having signed off the equipment i.e.. Mercury having ordered monitors for theatres.</p> <p>14/02/2013 DH noted that the equipment list had been agreed and it was now understood what drawings the equipment list was based on. A meeting of NHS and BMCL had taken place the previous day and the groupings had been reviewed and some items regrouped (group 2 to 3). A commercial review would be undertaken. An exercise to identify the impact of the changes to the PG drawings since April 2012. GW</p>
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suggested that DH liaise with Andy for assistance with this exercise. GW noted that Mercury are purchasing on the basis of the RDD drawings and not the current equipment list. GW enquired if BMCL would receive a PMI for a) sinks and taps and b) change of groups. DH confirmed that FW would provide a PMI in relation to the sinks/taps and DH would provide a PMI for the changes to groupings.

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 15/02/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1105	PMI 171	Food Waste	21/06/2012	The Board confirm agreement to install manual food waste management 13utilizing AGV transportation in lieu of piped/macerated systems. Infrastructure and spatial requirements at both kitchen and treatment locations to be agreed.	
			28/06/2012	On-going. Developing end product process.	
			05/07/2012	On-going	
			12/07/2012	WIP – through RDD process.	
			19/07/2012	Ongoing	
			26/07/2012	DP advised that BMCL would like to arrange for KC to modify the kitchen drawings for sign off. DP advised that he would organize a meeting.	
			02/08/2012	WIP (BMCL)	
			30/08/2012	DP to coordinate proposal	
			06/09/2012	DP advised this item was work in progress. DP was liaising with people who can supply the end system i.e. composters, etc. DP was liaising with KC.	
			13/09/2012	DP advised he was liaising with K Connelly. BMCL understood what direction progressing. KC has organized a site visit to Forth Valley and BMCL were intending to attend this visit.	
			18/10/2012	Noted that RFI had been received re the benching that the buckets will sit at, Infection control query.	
			25/10/2012	DP noted that a response to the query raised by KConnelly would be provided in due course.	
			08/11/2012	DP advised that he had liaised with KC and FW and received a response re the size of the bins changing dependent on contractor. BMCL will work within the confined of the agreed size. Will progress dwg/design and will continue to liaise with KC.	
			15/11/2012	DS advised that BMCL working on basis of agreed bin(s) size.	
			22/11/2012	DP noted BMCL are in the process of setting up meetings with potential suppliers. AS asked that KC be involved with these discussions as it would be useful for BMCL	
			29/11/2012	DP advised that contact had been made with each of the 3 manufacturers and meetings were being set-up. Colin Grindlay progressing and will continue to link in with KConnelly. A sample of the bin was in the sample room for sign-off by the NHS. DS requested that the NHS sign-off the bin sample asap as BMCL wanted to do setting out of the first floor. PM noted that KC was on annual leave and PM would check if this could be progressed in KC's absence. DP noted that KC had a query re the size of bin changing noting that BMCL had advised the 3 suppliers that they need to work to the bin size as per sample bin to be signed off.	
			06/12/2012	PM advised that he would ask KC to confirm/sign-off the bin later that day.	

			<p>13/12/2012 PM advised that the bin had been signed off.</p> <p>10/01/2013 DP advised -food waste system/proposals = WIP. Meetings being arranged with potential suppliers.</p> <p>17/01/2013 DP advised the food waste system/proposals were WIP. AS requested a high level programme to conclude this exercise.</p> <p>24/01/2013 DP advised that he would provide the high level programme to the NHS by cop 25/01/2013.</p> <p>31/01/2013 DP suggested that the programme had been sent by CGrindlay and would check this out</p> <p>07/02/2013 DP advised that he would liaise with CG to check that the programme had been issued. Food waste proposals are WIP. AS advised that KC has a rep hassling her and DP agreed to speak to this rep. DP noted that the schemes/proposals are being prepared in liaison with KC.</p> <p>14/02/2013 DP advised that BMCL had met with 2/3 suppliers. DP had spoken to the rep who was contacting KC which was one of the systems which had been discounted as is not suitable – the rep would be meeting with DP to discuss his system. PM acknowledged that the NHS had received the programme however raised a query regarding the training items/timetable.</p>	
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	<p>23/07/2012 The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install</p> <p>02/08/2012 BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>22/08/2012 Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>30/08/2012 AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased.</p> <p>06/09/2012 DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>13/09/2012 DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>20/09/2012 DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>04/10/2012 DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>11/10/2012 IP and HMc to review location of unit.</p> <p>18/10/2012 JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>25/10/2012 DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>08/11/2012 DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>22/11/2012 Installation confirmed for 28<sup>th</sup> January 2013</p> <p>29/11/2012 It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p>	

			10/01/2013 17/01/2013 24/01/2013	DP advised that this was WIP – no issues to be raised at this time. AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.) DP confirmed that the new date for the filtration unit installation is 22 <sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.	
1385	PMI 186	Main Server/Comms Rooms - Fibre and Copper Links	03/10/2012 04/10/2012 25/10/2012 15/11/2012 22/11/2012 29/11/2012  06/12/12 13/12/2012  20/12/2012  11/01/2013 17/01/2013 24/01/2013 31/01/2013 07/02/2013 14/02/2013	The Board request a budget cost for the supply and installation of fibre and copper links between cabinets within the main server/comms rooms as outlined in the recent IT Group meeting. Mercury providing costs DP agreed to chase up the costs from Mercury. DMF agreed to progress obtaining a cost DMF agreed to chase up Mercury DMF advised that he had spoken to Mercury who had advised that Boston were liaising with Mark Greig as there had been some confusion as to what was being asked for. This had now been resolved and a cost would be provided asap. DP advised that the cost from Mercury was to be provided to DMF asap DP noted that the clarity was re interlacing the cabinets and he had spoken to EMcl on Monday to progress. DMF advised that he had received a cost from Mercury and BMCL were reviewing the cost information and awaiting some further details. DH proposed that the costs be run past Mark Greig in the first instance. DMF advised that a spec had been provided to DH. DH advised that he had provided the spec to MGreig for checking. DMF noted that the description was ok with the NHS Team however the cost info did not appear to be correct. Mercury were liaising with Boston re the cost info. DMF advised that Mercury are chasing up the costing and will confirm back to BMCL. DMF advised that Mercury through Boston had liaised with MG and a cost on the basis of this discussion was awaited. JB advised that he was awaiting a schematic so that the cost info could be provided as a pack. AS advised that he would need to discuss with MG the way forward. <b>DH noted that he was awaiting the schematic from Boston to progress this item. DP agreed to obtain the schematic asap.</b>	
1478	PMI 190	Laboratory Block - Level 1 Room L1/B/014 Biochemistry Reception	07/11/2012  15/11/2012 22/12/2012 29/11/2012	Please proceed with works as set out in PMI 181 to replace glazed screen with roller shutter to reception area. Provide method statements and agree programme of works with Board Project Manager (Hugh McDermott) and lead laboratory technical manager (Colin Smith). Works to be undertaken as soon as possible but not to commence until after formal opening of Laboratory Block on 14th November 2012. Please provide separate invoice for these works as they will be paid from Laboratory Services account. PM advised this was WIP Instructions are out and BMCL to provide programme and schedule of works DMF advised this was WIP. A Keeley is progressing DS reported that there was a lead in time for the shutter therefore it was expected that works would be post Xmas. DMF noted that RDeb had suggested that Building Control should be contacted however the wall is not a fire wall.	14/02/13



			06/12/12	DS noted that the Architect would be requested to confirm whether an amendment to the warrant is required. GW to contact RDeb. AK would liaise with HMc to organize a suitable date for the works in the New Year.	
			13/12/2012	AK advised that the roller shutter has been manufacturer. TDSL wanted confirmation that not linked to fire alarm. Date for the works will be confirmed.	
			20/12/2012	AK advised that the confirmed date for the roller shutter works was 9 <sup>th</sup> February 2013 and he was continuing to liaise with HMcD.	
			10/01/2013	AK advised that there were no issues and he would provide a programme for the works.	
			17/01/2012.	AK advised that he had met with Mercury and TDSL and hoped to meet with the users of the area soon in order to identify what areas need to be cleared, etc.	
			24/01/2013	AK advised that the roller shutter works would commence 9 <sup>th</sup> February 2013.	
			07/02/2013	AK advised that the works had been organized to take place on 9/10 <sup>th</sup> Feb and AK was liaising with ASmith.	
			14/02/2013	AK noted that he proposed to get a painter into to tidy up some bits and pieces, i.e. work at the expansion joints, dado rail. It was agreed that this item could be closed.	
1482	PMI 191	Adult Hospital Patient Entertainment System	08/11/2012	Please provide costs for supply and installation of bedhead wall mounted TV/radio as described on the attached document. 1) Adult Ward Tower 2) Dermatology Ward 3)Cost for Patient Entertainment System	
			15/11/2012	DMF advised this was WIP	
			22/11/2012	DMF noted Mercury are sourcing	
			29/11/2012	DMF advised this was WIP. It had been hoped to get the order of cost for earlier that day. DMF would continue to pursue.	
			06/12/2012	DP advised that EMclntyre was putting pressure on Entertainment suppliers to provide costs.	
			13/12/2012.	GW advised that the cost was WIP by EMcl. EMcl has some queries. DP enquired if the patient entertainment system would be wanted in the renal area of the podium as this would be the next area to be fitted out.	
			20/12/2012	DMF advised that BMCL have received an order of cost but awaiting back-up detail. (presently circa £1.6m)	
			10/01/2013	DMF advised that he had cost proposals to provide (£1.534m including locating sockets, £1.164m not locating sockets). DMF would run through the proposals with DR/DH in the first instance.	
			17/01/2013	DMF provide hard copy info to DH for review.	
			24/01/2013	DH advised that he had received the costs from DMF and the NHS were discussing the costs.	
			31/01/2013	DMF advised that he was costing up the revised spec. AS noted that he needed the cost so could obtain sign-off for CEN. DMF suggested the cost was circa £39k	
			07/02/2013	AS advised that he would confirm the way forward asap.	
			14/02/2013	WIP – meeting scheduled to take place the next day (15 <sup>th</sup> Feb 2013)	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	

			24/01/2013 31/01/2013 07/02/2013 14/02/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included. DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4. IP was to be requested to confirm to DP that Nicola had requested no further changes . DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
1644	PMI 199	Door Openings - RNM 036 & RNM 037	23/01/2013  24/01/2013  31/01/2013 07/02/2013	The Board confirm that the door openings to RNM 036 & RNM 037 are on major delivery routes and as such should have removable over panels similar to room RNM 033. These are required in order to comply with the requirements set out in section 8 of the Clinical Output Specification NSGACL Nuclear Medicine NSG (Issue 1) for the delivery of heavy/bulky equipment DH advised that these door openings were on heavy plant routes. DS advised that this was signed off on the appendix k drawings. DH advised that the route goes all the way to the room doors - not into the room as no over panel therefore would be unable to get the equipment into the room. DS agreed to review. DH advised that he had discussed this with N Hollowell. DH advised that he had received any feedback. DS agreed to liaise with NHollowell. DH advised that feedback was awaited	
1691	PMI 200	UPS Provision to NCH Cardiology Ward	11/02/2013	The Board confirm acceptance of the proposal to provide UPS coverage from the existing design provision resulting in a reduction of the 25% spare capacity. This reduces the power losses resulting from the spare. BMCL to confirm remaining capacity.	

## COMPENSATION EVENTS

Mortuary Gulleys – JB enquired if AS had confirmed that these works would be covered by a CE.



**Additional Notes:**



- 1) Sedum Roof – PM advised that he may raise an EW re A&C Sedum Roof. PM had met with Gillespies. GW/DMF confirmed that Hospitals Sedum Roof is a different species/mix. AS asked that DJordan should be requested to reinstate roof once sealed. (16/08/2012) PM met with Gillespies to ensure that roof spec was different for A&C. Opinion on Labs asked and noted that it was thought that some of the roof may take but some areas had died and would require to be replaced. BMCL had asked Prater to review and replace necessary in order to clear defect. AS noted that areas of the roof were opened and required to be closed off again – BMCL agreed to pursue (23/08/2012) BMCL were advised that Labs has 4 leaks – raised as defects by Capita. JB noted that works were ongoing to improve the sedum roof. (30/08/2012) WIP (06/09/2012) DS advised that it was intended that D Jordan would organize for a joint inspection with the NHS. A full update would be provided at the next meeting. NHS need update on leaks ASAP. (13/09/2012) PM advised that he would be carrying out a site visit with DJ later that day. AS requested confirmation as to the number of leaks i.e. 4 or 5. (20/05/2012) PM will update at next meeting (27/09/2012) Awaiting meeting being organized by D Jordan with the Sedum Contractor. (04/10/2012) PM advised that he wanted a chat with the Sedum contractor to get view of what is wrong with it rather than waiting to next year. PM would not be singing off the roof next August if still in the same position (08/11/2012) AK advised he had met with DJordan and Praters – details awaited from Prater. AK is progressing. (15/11/2012) PM noted he was awaiting feedback (22/11/2012) DS advised that he had spoken to AK who was progressing and was liaising with the rep. Feedback will be provided as soon as available (29/11/2012) PM advised that he wanted the NHS to meet with the Sedum Contractor as want to see evidence that this will work on the A&C. (06/12/2012) AK advised that he would set up a meeting for the New Year (13/12/2012) AK advised that he had been specking to WMorrison and would be reviewing on site before the weekend. AK would confirm the meeting arrangements to PM (10/01/2013) AK advised that he had reviewed the Sedum roof with Prater. PM noted that the issue also had been that there are areas with no sedum – 1 large patch of weeds. PM was expecting a professional view of what needs to be done to bring the sedum back. PM noted that the sedum would remain as a defect – PM was comfortable with BMCL to continue with any remedial works until August 2013. (17/01/2013) AK advised that he had met with Praters and strenuously advised them to sort the sedum roof and to confirm how they will sort the sedum roof out. (24/01/2013) AK advised he was pursuing Praters for a rectification plan (31/01/2013) AK advised that he had spoken to William and requested formal confirmation of what works it is proposed to carry out (07/02/2013) **AK advised that he was awaiting a marked up drawing of what areas are being remedial works, programme for the works and a detailed proposal of the works to be carried out. AK had commitment from Alistair Hill that issues with sedum roof will be sorted. (14/02/2013)**
- 2) Services in pavement at Govan Road – Virgin advised it will cost £600 to look at. Now advised that there are also Cable & Wireless Fibre Cables in the pavement. Virgin saying can't drop the cables as not enough depth to do so (suggesting £110k for the works). Cable & Wireless advised that they want £6500 to look at and expecting a similar cost to that of Virgin to undertake the works. AK suggested that works may need to be resequenced. BMCL will issue an EW. (15/11/2012) DH awaiting information to work out what is required. RJohnston is prepping information and DP agreed to chase this up. It was suggested that Virgin and C&W are brought in for discussions. (22/11/2012) DH advised that GThomson had been liaising with Russell. DP advised that he would try to provide the information to the NHS by 14<sup>th</sup> December 2012 (06/12/2012) DH advised that he had received the drawing and contact with the 2 parties was being commenced. (13/12/2012) DH advised that GT was instigating discussions with Cable & Wireless and Virgin. (20/12/2012). DH advised that GT had contacted both C&W and Virgin. Virgin have advised that they require to carry out a C4 stage quote. GT is raising the paperwork to enable this to happen. GT scheduling meeting with C&W on 15/01/2013. GT will co-ordinate the attendees for this meeting (10/01/2013) DH advised that a meeting with Virgin had taken place and suggesting that Virgin cabling won't be crossing the road. Advised that this was the main run into the city centre therefore impact on notification period. (17/01/2013) **DH advised that the revised quote for review had been received from Virgin and an invoice is awaited from C&W (31/01/2013)** DH advised that he would liaise with GT for an update regarding obtaining the C&W invoice so that the cheque for the works can be raised (14/02/2013)
- 3) Sanitary Ware RDD Returns – Nightingale have raised an EW to BMCL. Cheaper sanitary ware however implication for drawings needing to be redone. GW advised that he wanted to meet with the NHS to discuss. LEdwards had also advised that she was unsure of some of the comments. DH advised that Colin Grindlay should liaise with FW to go over the comments being queried. (06/12/2012) DH advised that he had spoken to FW w/e 8/12/2012. CGrindlay is liaising with FW. DP agreed to chase up through CG. DH agreed to liaise with FW. Update to be provided asap (13/12/2012) DH advised this was wip between FW and CGrindlay. DP advised that CGrindlay will liaise with Nightingales. (20/12/2012) DP suggested that there were circa 4 pieces of sanitary ware with comments. (10/01/2013) DP advised that there are 5 pieces of kit and BMCL were awaiting a PMI. FW was checking back to see if NHS previously advised BMCL. DH suggested that the NHS did not regard this as a change as had come about as using some codes with no descriptions. (17/01/2013) DH advised that he had noticed from CGrindlay to FW and DH would liaise with DP to resolve (31/01/2013) DH advised that he would liaise with GWallace re a few items i.e. sit on sinks. (7/02/2013) **As previously discussed – PMI will be provided for the sinks. (14/02/2013)**

- 4) Peel Organisation – AS advised that the Peel were progressing their plans. Peel had requested confirmation that they (Peel) can issue the ZBP drawings. SF was requested to send the document to DP for review and confirmation. (20/12/2012) DP advised that he had provided comments to AS and suggested that the info had been provided to Peel. (10/01/2013) AS advised that he was meeting with Peel later that day (31/01/2013) AS advised that he had met with reps from Peel and Peel would be providing the commercial terms to the NHS for review. Peel may ask to link in with BMCL for site walkround, etc. The Peel procurement process had commenced (07/02/2013)
- 5) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013)
- 6) Boiler – AS advised that he may be asking for BMCL to purchase a further boiler. DP agreed to confirm the date when the NHS needed to confirm the requirement for an additional boiler. (24/01/2013) DP advised that confirmation re additional boiler is needed by March 2013. BMCL would need a PMI to confirm the number of boilers. It was agreed this item could be closed (31/01/2013) DP enquired if the instruction re no of boilers to be purchased could be provided sooner as BMCL were wanting to close up the Energy Centre face asap.(07/02/2013)
- 7) Room Numbering Description and Dept naming – DS advised that this information was required by 18<sup>th</sup> Feb 2013. PM reported that the NHS would meet this date and that HG only had the last dept to confirm. (07/02/2013) PM confirmed that this information had been provided by HGriffin. It was agreed this item could be closed (14/02/2013)
- 8) DCFP – DS advised that he had liaised with GBurnett who was keeping a schedule of the changes being made (i.e. screens being enlarged) and enquired if the NHS would be providing a PMI for these changes. AS advised that there was to be no extra cost for DCFP – need to work within the budget noting that anti-ligature and sprinkler heads were progressed under the design stage. DS advised that items had been purchased on the basis the 1:50s. PM and DH agreed to review the schedule of changes. DS was requested to provide the schedule and review the adds/omits. (07/02/2013) DH advised that he had requested a copy of the schedule for review. GW enquired how the NHS wanted this information to be presented – it was currently in the format of 1 column for a) the proper additions, b) the proper omissions and c) the would like to have. GW agreed to liaise with DH (14/02/2013)
- 9) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013)
- 10) Aseptic Suite – BMCL raised that changes to the Machair cost had been advised – change due to NHS URS – Lynne Morrison had asked for additional air handling unit. Machair say the additional air handling unit is a nice to have item but not necessary. DP advised that usually spare parts would be kept. PM requested that this issue be raised as an EW. (14/02/2013)
- 11) Arts - BMCL advised that Paul carrying out a review of Arts budget. Beacon Project budget is under pressure – electrical input i.e. dramatic increase to the no of lights (24 to circa 120). It was noted that AS had thought that BMCL carried out post meeting commercial reviews. GW noted that the lights wre originally a part of the equipment list. GW agreed to confirm the cost of the proposal against the budget. PM suggested that the 2 shelters were not achievable within the budget. The Beacon Project needs to financially managed by BMCL. BMCL will need to manage Ginkgo. The NHS would not be adding any other monies in. DP advised that number of lights in the proposals had previously been designed out by clever use of corridor lighting to light up the art on the walls – it had never been highlighted that additional lights were required. (14/02/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 10/07/2013:

<div style="float: right; text-align: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.</p> <p>05/04/2012 GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>12/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>31/05/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>27/06/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>05/07/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>02/08/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>16/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>23/08/12 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>30/08/2012 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>06/09/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>13/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>20/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>18/10/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>25/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>15/11/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>22/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected.</p> <p>29/11/2012 Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC.</p> <p>06/12/2012 Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

			<p>04/04/2013</p> <p>18/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p> <p>16/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p> <p>13/06/2013</p> <p>20/06/2013</p> <p>04/07/2013</p>	<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p><b>It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</b></p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p> <p>22/11/12</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding.</p> <p>DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.</p> <p>DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date.</p>	

			29/11/2012	DS will catch up with DH to ensure that everything is updated and both sides are happy. DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.	
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.	
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]	
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.	
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.	
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.	
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.	
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.	
			07/02/2013	DH advised that items are being addressed.	
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.	
			21/02/2013	Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board	



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			<p>thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p> <p>Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p> <p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>JB noted that BMCL will provide samples of the atrium panel as requested by the NHS.</p> <p>DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet.</p> <p>Ceiling heights – DH continuing to liaise with GW</p> <p>DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.</p> <p>DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>DH noted that the return date issue (RDD tracker versus front sheet) had been resolved.</p> <p>DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p> <p>DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns.</p> <p>It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p>	
		28/02/2013		
		07/03/213		
		14/03/2013		
		04/04/2013		
		11/04/2013		
		18/04/2013		



		25/04/2013	DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue
		02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.
		16/05/2013	DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.
		24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used an project specific code.
		06/06/2013	DH advised that: <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>
		13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.
		20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.
		27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.
		04/07/2013	DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled.


				<p>Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.</p> <p>PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus.</p> <p>DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 10/07/2013

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
NONE					

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 03/07/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install</p> <p>BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased.</p> <p>DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p>	

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			20/09/2012	DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&C.
			04/10/2012	DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.
			11/10/2012	IP and HMc to review location of unit.
			18/10/2012	JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.
			25/10/2012	DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.
			08/11/2012	DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.
			22/11/2012	Installation confirmed for 28 <sup>th</sup> January 2013
			29/11/2012	It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.
			10/01/2013	DP advised that this was WIP – no issues to be raised at this time.
			17/01/2013	AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)
			24/01/2013	DP confirmed that the new date for the filtration unit installation is 22 <sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.
			22/02/2013	AK reported end of March was the target date – AK will provide a firm date once known
			06/03/2013	AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.
			04/04/2013	DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks
			11/04/2013	It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29 <sup>th</sup> April 2013.
			17/04/2013	DP noted that BMCL were awaiting on Siemens.
			25/04/2013	It was noted that contractors are due in on Monday for final commissioning
			02/05/2013	DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.
			16/05/2013	DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.
			24/05/2013	DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.
			06/06/2013	AS noted that he had been advised that the engineer would be on site on the 17 <sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.
			13/06/2013	DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17 <sup>th</sup> June 2013.

			20/06/2013	DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.	
			27/06/2013	DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day	
			04/07/2013	PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes .	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.	
				AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.	
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.	
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.	
			25/04/2013	DP agreed to chase the proposal	

			02/05/2013 16/05/2013 24/05/2013 06/06/2013 13/06/2013 20/06/2013 27/06/2013  04/07/2013	<p>DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room. DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>DP advised that he would chase up who is doing what and when it is planning to be carried out. DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p>	
1901	PMI 213	Energy Centre Side A Switchgear	02/05/2013  16/05/2013 24/05/2013 06/06/2013 13/06/2013 20/06/2013 27/06/2013  04/07/2013	<p>Please undertake the following works to the A-Side switchgear. On 'A' switch panel switches REA1 &amp; REA2 carry out the following operational changes: REA1 &amp; REA2 to be configured to trip open on mains failure, and remain open during generator running. On mains available return switches REA1 &amp; REA2 are to remain open. Only on either local control manual close or via ENMS return to mains manual instruction process both REA1 &amp; REA2 close back to mains.</p> <p>DP advised that he had chased this up the previous day and was in discussion with Schneider and ASmith.</p> <p>DP advised that he was awaiting information from Mercury to review. Schneider were due to be onsite w/c 27/05/2013 and BMCL may request that the works be carried out then (drop outs to the retained estate).</p> <p>DP advised that he will get Schneider to carry out the works but a PMI was needed from the NHS to state the works and state left in.</p> <p>DP noted that the Schneider works ongoing. A further issue had been identified which would be discussed separately with the NHS and had been raised with IP. It was anticipated that it would be 6-8 weeks until will be on the b-side.</p> <p>It was noted that a meeting to discuss the IP proposals would be had.</p> <p>AS noted that a meeting had been scheduled for 28/06/2013 and IP was suggesting that he may have a fix.</p> <p>AS noted that he had asked ASmith to confirm via DP that the NHS were satisfied with all the safety and operational aspects.</p>	
1952	PMI 214	YCF additions	10/05/2013	<p>Please find below (and attached) information in relation to the requirements for the Yorkhill Children's Foundation "added value" works</p> <p>I would be grateful if you could include these requests into the building and advise on the costs in order that the Board can bill the YCF accordingly</p> <ol style="list-style-type: none"> <li>1. Sky ceilings to be added in the following rooms: <ul style="list-style-type: none"> <li>• Child protection room CPS.004</li> <li>• ED majors staff base EMC.61</li> <li>• 2 dental rooms OPD.082 &amp; OPD.139</li> </ul> </li> </ol>	

			<ul style="list-style-type: none"> <li>• Plaster room OPD.073</li> <li>• Phlebotomy room OPD.193</li> <li>• Nuclear Medicine camera room RMN.033</li> <li>• Nuclear Medicine injection room RMN.027</li> <li>• Theatres holding areas THE.032, THE.033 &amp; THE.034</li> <li>• MRI rooms RCG.064 &amp; RCF.024</li> </ul> <p>2. Sky box in</p> <ul style="list-style-type: none"> <li>• Radiotherapy room in Schiehallion SCH.081</li> </ul> <p>3. Pattressing on wall in wait area of Observation ward OBS.054</p> <p>4. Information on Snoozelen rooms DCFP. 050 &amp; GW3.050</p> <p>5. Information on Family Centre room ENT.028- in particular the glass front that is required</p> <p>16/05/2013 GW advised that BMCL were currently pricing the works up. PM confirmed that this is a pricing exercise only, at this point.</p> <p>24/05/2013 GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.</p> <p>06/06/2013 AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.</p> <p>13/06/2013 GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.</p> <p>20/06/2013 AS agreed to liaise with MMacleod. GW suggested that if would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.</p> <p>27/06/2013 AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.</p> <p>04/07/2013 AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.</p>	
1977	PMI 216	Patient Self Check-in	<p>22/05/2013 /The Board request the installation of the infrastructure, power and data, for the patient self check-in kiosks and associated patient calling screens in the locations indicated on the previously submitted 'marked-up' plans.</p> <p>The revised layouts should be submitted for RDD approval in accordance with the standard processes.</p> <p>24/05/2013 It was noted that this item would be a CE. DH advised that the real time bus timetable proposal was progressed with GCC. DP suggested that this needed to be concluded to ensure that the real time bus timetable information is not expected to be included on the existing touch screens. DH noted that the real time timetables were expected to be located at 4 stops at the entrance area lay-by.</p> <p>DH noted that the NHS were organizing to meet with GCC to discuss the real time bus timetabling.</p> <p>06/06/2013 DP noted that it was expected that BMCL would only provide the cabling and the ducting. AS advised that the NHS would purchase the screens and GCC would need to provide the software &amp;</p>	

			13/06/2013	systems. DH noted that the location for the atrium repeater screen was to be identified. NHS to agree locations with GCC. DH advised that it was expected that the screens would be akin to airport arrival/departure screens. PM noted that he needed a copy of the WSP setting out drawing so he could identify location for the shelters and stops.	
			20/06/2013 27/06/2013	PM noted that he was awaiting the setting out drawings re shelters and stops from DS. It was noted that a CE was to be raised re patient self-check in. PM agreed to review the drawing. DH noted that GCC and SPT were unsure of how to feed the timetable into the atrium however they were working on this issue. (Cross ref CE 047)	
1978	PMI 217	MTHW System - Site ring	22/05/2013	The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. the pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.	
			24/05/2013	The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc	
			06/06/2013	DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.	
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.	
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.	
2009	PMI 220	PACs screens and keyboards	04/06/2013	The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory	



			06/06/2013 27/06/2013 04/07/2013	installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175 DP noted that he had progressed this with mercury GW noted that DMF was awaiting information from Mercury PM advised that he had received the quote. AS noted that DR would need to cross check the quote.	
2060	PMI 226	Review of Door signage - omission of LIG 073	02/07/2013  04/07/2013	Following a review of the project wide door signage/lights, the Board request the general omission of "illuminated signs - Room in use" (LIG 073) across the project. On the "agreed back-up to April 2013 CEN" there were 65 no LIG 073 included. This omission is to be included in the next equipment list iteration. It was agreed that this item should be closed as an equipment list change.	04/07/2013
2061	PMI 227	ENT and Ophthalmic Workstations	02/07/2013  04/07/2013	The Board confirm that there are in total 20 ENT/Ophthalmic workstations, all of which we propose to remove from Group 1 equipment list. These are located as follows: WOR 695 & WOR695R – Ophthalmic workstations (14 no.) Ground Floor (NCH) NCH-00-OPD-130 NCH-00-OPD-129 NCH-00-OPD-128 NCH-00-OPD-109 NCH-00-OPD-118 First Floor (NSGH) NSGH-01-OPD1-076 NSGH-01-OPD1-069 NSGH-01-OPD1-077 NSGH-01-OPD1-072 NSGH-01-OPD1-071 NSGH-01-OPD1-029 NSGH-01-OPD1-028 NSGH-01-OPD1-027 NSGH-01-OPD1-025 WOR1009 & WOR1009R - ENT workstations (6no.) Ground Floor (NCH) NCH-00-OPD-133 NCH-00-OPD-078 NCH-00-OPD-069 NCH-00-OPD-068 NCH-00-OPD-095 NCH-00-OPD-077 If removed, we propose to replace these workstations with standard consulting room desks (group 3) It was noted that this is an equipment list change. DH confirmed that the last line of the PMI i.e. "if removed, we propose...." will be updated to confirm removal and associated replacement.	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013  04/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013 GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	03/07/2013	The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a "future proofed" multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this,	



			04/07/2013	is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from; camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply a separate cost of a single video converter as additional units are likely to be needed. GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.	
2072	PMI 230	Adult Hospital – Porters Room ENT-022	08/07/2013	The Board confirm the location of screens as set out in the attachment.	
2073	PMI 231	Adult and Childrens Hospital – Commissioning & Handover	08/07/2013	The Board confirm amendments to the requirement for an Independent Commissioning Engineer	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013	The Board confirm change to sink specification.	

### COMPENSATION EVENTS

10017	CE 047	Adult Hospital – Patient Self check-ins	08/07/2013	Please proceed and install infrastructure as set out in PMI 216.	
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### Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013)

- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). **PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013)**
- 3) Renal Dialysis Day Ward – DP sought confirmation of the requirements for pattressing. PM agreed to confirm. (11/04/2013) AS requested that HG be asked if the Renal Dialysis Ward had been included in the original PMI. DP suggested that it may be included in the original PMI however may need to be placed. (17/04/2013). DH noted that a visit to site

will be required in order to pinpoint the locations of the patrising. This needs to be completed ASAP to ensure patient entertainment is in appropriate place (25/04/2013) DH and PM agreed to review on site (02/05/2013) It was noted that this had been accommodated within the original cost plan. PM I to be provided to BMCL. BMCL to confirm is within the cost plan. (06/06/2013) DH advised that he was progress with GW and a PMI would be subsequently provided (13/06/2013) PM advised that he had walked round the rooms and thought that a dropped pole could be installed at the ducting. DH had identified a suitable arm which could take a TV. PM noted that if required a drawing could be marked up. (20/06/2013) **DH advised that he had marked up 1 of the 8 bed areas to identify where the drops could be positioned. (27/06/2013) GW advised that he couldn't find the 8 bed area marked up drawing and DH agreed to re-markup and provide the mark-up to BMCL. (04/07/2013)**

- 4) Phasing Discussions – DH suggested that consideration needed to be given to the MTHW extension when BMCL are looking at phasing/changes to the site. AS advised that the NHS Team would be doing a MTHW ring however this currently needs to be planned out. (02/05/2013). GW advised that AK was awaiting a response from the NHS. DP advised that AK was looking to build in the MTHW works into the existing BMCL phasing plans but didn't have the info to progress. PM advised that he had received an informal copy of the marked up drawing and had met with AK but he had not received anything formally to comment on. DP advised that BMCL were awaiting info from the NHS re NHS Phasing. DH advised that a technical review identified buildings that are in the way of sections of the ring. T&L will have its own boiler plant. Financially, it would be advantageous for the NHS to have the works done early but technically it may be better to leave. There may be sections of the ring that can be put in early. DS suggested that it may be beneficial to arrange Phasing Handover workshops and this was agreed. (16/05/2013) AK enquired how the NHS expected to receive the drawing formally. DH agreed to liaise with PM and confirm the way forward. (24/05/2013) PM suggested that BMCL: should provide a range of questions and PM will respond (06/06/2013) PM noted that the NHS were awaiting a list of questions so that the NHS Team can provide responses. AK noted that he was removing his notes from the drawings before providing to the NHS. (13/06/2013) AK advised that he had taken the notes off the drawing and was writing up a list of queries for NHS response. AK agreed to provide the information to the NHS (27/06/2013) **AK advised that the information would be issued via RFI process would be issued later that day. PM noted that he would organize an internal meeting to review. AS advised that he would like to conclude discussions at the forthcoming ASSB meeting and enquired if KStewart had been asked to reconfigure the spaces to make better use of the car park available.**
- 5) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) **It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013)**
- 6) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) **DP to provide update on return from leave (04/07/2013)**
- 7) Fire incident on site. It was noted that BMCL would issue and EW regarding the fire incident. DP enquired if Capita had been onsite to review. PM agreed to liaise with John Redmond. DR noted that BMCL were awaiting the Fire and Loss Adjustor report. (20/06/2013) GW advised that BMCL were still awaiting the formal reports. AS advised that the NHS needed to get the Fire Service report for the record (27/06/2013) **AK advised that he was chasing for a copy of the formal fire service report. DMF advised that the site also has periodic visits from Chubb re Fire Safety. The Chubb rep had been provided with a tour of the site and taken through the lessons learned and DMF would ask for the Chubb report. AS advised that he needed to know that the incident had been fully captured including what had been done. (04/07/2013)**



- 8) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013)
- 9) Car park 1 – AS requested that BMCL provide a cost to put on an additional deck and enquired if this would be possible. AS noted that he expected the price to be of a similar pro-rata to costs already provided for the car park. DS suggested that an additional floor may require there to be a fire fighting core. AS requested that BMCL provide advice and cost by 5<sup>th</sup> July 2013. (27/06/2013) AK noted that putting another floor onto the structure for Car Park 1 was not possible (impacts on piling design, etc). GW advised that AHalliday had been continuing to price up the cost of putting on the additional floor. DS advised that BMCL would have an internal discussion re additional floor. AS suggested that should the costs for the additional floor be in excess of £2m then any proposal becomes unviable. (04/07/2013)
- 10) Energy Manager – DP noted that it was proposed that the Energy Manager appointment be fulfilled by David Wilson. AS agreed to this appointment.
- 11) Electricity Meter Readings – it was noted that a meeting had been organized to discuss the readings (04/07/2013)
- 12) Porter screens – EW to be raised. AS noted that MS had advised that the works would be carried out. GW enquired if the NHS wanted as per information from FW or whether an additional screen should be added. PM agreed to mark up a drawing (04/07/2013)
- 13) Changing Cabin for helipad – PM noted that the order for the helipad changing cabin was due to be placed however the NHS needed to understand when the deck is being installed and need to do water-proofing deck. AK agreed to confirm asap. NHS need to know whether ordering as flat pack or already made up. (04/07/2013)
- 14) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings and GW reported that he thought this had been provided by DP (04/07/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 17/07/2013:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDermott had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.</p> <p>05/04/2012 GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>12/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>31/05/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>27/06/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>05/07/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>02/08/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>16/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>23/08/12 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>30/08/2012 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>06/09/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>13/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>20/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>18/10/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>25/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>15/11/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>22/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected.</p> <p>29/11/2012 Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC.</p> <p>06/12/2012 Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

			<p>04/04/2013</p> <p>18/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p> <p>16/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p> <p>13/06/2013</p> <p>20/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p>	<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding.</p> <p>DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings</p>	




			22/11/12	and identify level of risk in tender info package. DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.
			07/02/2013	DH advised that items are being addressed.
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by

			21/02/2013	BMCL. Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week
			28/02/2013	Bedheads – a further meeting has been organised for next week – feedback thereafter DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues. NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS. Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.
			07/03/213	Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM. NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided. Bedheads – FW had just been provided with the spreadsheet Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.
			14/03/2013	JB noted that BMCL will provide samples of the atrium panel as requested by the NHS. DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet. Ceiling heights – DH continuing to liaise with GW DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.
			04/04/2013	DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.
			11/04/2013	DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation & signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.
			18/04/2013	DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns.

			25/04/2013	<p>It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p>	
			02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.	
			16/05/2013	DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.	
			24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used an project specific code.	
			06/06/2013	<p>DH advised that:</p> <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>	
			13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.	
			20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.	
			27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to	


			04/07/2013	the car park to the end of the NCH park. DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3 <sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself. PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.	
			11/07/2013	DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vaccum plant information is awaited from MEL/HPI Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 10/07/2013

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
NONE					

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 17/07/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012	The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit. Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however	

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				<p>formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>13/09/2012 DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>20/09/2012 DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDermont. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>04/10/2012 DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDermont/Estates thereafter.</p> <p>11/10/2012 IP and HMc to review location of unit.</p> <p>18/10/2012 JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>25/10/2012 DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>08/11/2012 DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>22/11/2012 Installation confirmed for 28<sup>th</sup> January 2013</p> <p>29/11/2012 It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>10/01/2013 DP advised that this was WIP – no issues to be raised at this time.</p> <p>17/01/2013 AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>24/01/2013 DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p> <p>22/02/2013 AK reported end of March was the target date – AK will provide a firm date once known</p> <p>06/03/2013 AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.</p> <p>04/04/2013 DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks</p> <p>11/04/2013 It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013.</p> <p>17/04/2013 DP noted that BMCL were awaiting on Siemens.</p> <p>25/04/2013 It was noted that contractors are due in on Monday for final commissioning</p> <p>02/05/2013 DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.</p> <p>16/05/2013 DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.</p> <p>24/05/2013 DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.</p>	
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			06/06/2013	AS noted that he had been advised that the engineer would be on site on the 17 <sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.	
			13/06/2013	DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17 <sup>th</sup> June 2013.	
			20/06/2013	DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.	
			27/06/2013	DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day	
			04/07/2013	PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.	
			11/07/2013	Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes .	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.	
				AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation	

			<p>11/04/2013 re level 4 was awaited. DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>17/04/2013 DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p>	
1901	PMI 213	Energy Centre Side A Switchgear	<p>02/05/2013 Please undertake the following works to the A-Side switchgear. On 'A' switch panel switches REA1 &amp; REA2 carry out the following operational changes: REA1 &amp; REA2 to be configured to trip open on mains failure, and remain open during generator running. On mains available return switches REA1 &amp; REA2 are to remain open. Only on either local control manual close or via ENMS return to mains manual instruction process both REA1 &amp; REA2 close back to mains.</p> <p>16/05/2013 DP advised that he had chased this up the previous day and was in discussion with Schneider and ASmith.</p> <p>24/05/2013 DP advised that he was awaiting information from Mercury to review. Schneider were due to be onsite w/c 27/05/2013 and BMCL may request that the works be carried out then (drop outs to the retained estate).</p> <p>06/06/2013 DP advised that he will get Schneider to carry out the works but a PMI was needed from the NHS to state the works and state left in.</p> <p>13/06/2013 DP noted that the Schneider works ongoing. A further issue had been identified which would be discussed separately with the NHS and had been raised with IP. It was anticipated that it would be 6-8 weeks until will be on the b-side.</p> <p>20/06/2013 It was noted that a meeting to discuss the IP proposals would be had.</p> <p>27/06/2013 AS noted that a meeting had been scheduled for 28/06/2013 and IP was suggesting that he may have a fix.</p> <p>04/07/2013 AS noted that he had asked ASmith to confirm via DP that the NHS were satisfied with all the safety and operational aspects.</p> <p>11/07/2013 Meeting to be held and sketches reviewed</p>	

1952	PMI 214	YCF additions	10/05/2013	<p>Please find below (and attached) information in relation to the requirements for the Yorkhill Children's Foundation "added value" works</p> <p>I would be grateful if you could include these requests into the building and advise on the costs in order that the Board can bill the YCF accordingly</p> <ol style="list-style-type: none"> <li>1. Sky ceilings to be added in the following rooms: <ul style="list-style-type: none"> <li>• Child protection room CPS.004</li> <li>• ED majors staff base EMC.61</li> <li>• 2 dental rooms OPD.082 &amp; OPD.139</li> <li>• Plaster room OPD.073</li> <li>• Phlebotomy room OPD.193</li> <li>• Nuclear Medicine camera room RMN.033</li> <li>• Nuclear Medicine injection room RMN.027</li> <li>• Theatres holding areas THE.032, THE.033 &amp; THE.034</li> <li>• MRI rooms RCG.064 &amp; RCF.024</li> </ul> </li> <li>2. Sky box in <ul style="list-style-type: none"> <li>• Radiotherapy room in Schiehallion SCH.081</li> </ul> </li> <li>3. Pattressing on wall in wait area of Observation ward OBS.054</li> <li>4. Information on Snoozelen rooms DCFP. 050 &amp; GW3.050</li> <li>5. Information on Family Centre room ENT.028- in particular the glass front that is required</li> </ol>	
			16/05/2013	GW advised that BMCL were currently pricing the works up. PM confirmed that this is a pricing exercise only, at this point.	
			24/05/2013	GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.	
			06/06/2013	AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.	
			13/06/2013	GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.	
			20/06/2013	AS agreed to liaise with MMacleod. GW suggested that it would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.	
			27/06/2013	AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.	
			04/07/2013	AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.	
			11/07/2013	YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward	



1978	PMI 217	MTHW System - Site ring	<p>22/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p> <p>13/06/2013</p> <p>20/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p>	<p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. the pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p> <p>AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.</p> <p>DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p>	
2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter</p>	

				a PMI will be issued	
2061	PMI 227	ENT and Ophthalmic Workstations	02/07/2013  04/07/2013  11/07/2013	The Board confirm that there are in total 20 ENT/Ophthalmic workstations, all of which we propose to remove from Group 1 equipment list. These are located as follows: WOR 695 & WOR695R – Ophthalmic workstations (14 no.) Ground Floor (NCH) NCH-00-OPD-130 NCH-00-OPD-129 NCH-00-OPD-128 NCH-00-OPD-109 NCH-00-OPD-118 First Floor (NSGH) NSGH-01-OPD1-076 NSGH-01-OPD1-069 NSGH-01-OPD1-077 NSGH-01-OPD1-072 NSGH-01-OPD1-071 NSGH-01-OPD1-029 NSGH-01-OPD1-028 NSGH-01-OPD1-027 NSGH-01-OPD1-025 WOR1009 & WOR1009R - ENT workstations (6no.) Ground Floor (NCH) NCH-00-OPD-133 NCH-00-OPD-078 NCH-00-OPD-069 NCH-00-OPD-068 NCH-00-OPD-095 NCH-00-OPD-077 If removed, we propose to replace these workstations with standard consulting room desks (group 3) It was noted that this is an equipment list change. DH confirmed that the last line of the PMI i.e. “if removed, we propose....” will be updated to confirm removal and associated replacement.  PMI has been updated by Board	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013  04/07/2013  11/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013 GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.  Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed hat AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	03/07/2013	The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a “future proofed” multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this, is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from; camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply	

			04/07/2013	a separate cost of a single video converter as additional units are likely to be needed. GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.	
			11/07/2013	GW noted that Mercury to progress with Starkstrom for the 29 theatres. Final iteration of surgeons panels should not be delayed and the addition of the multi-input interface discussions should run parallel to allow contractual progression AS asked for a technical meeting in order to understand what is required and DP to arrange. DP/DH to review the status of the RDD	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013	The Board confirm change to sink specification.	
	PMI 233	Aseptic	10/07/2013	Sample sink reviewed on site confirmed okay, revised proposal for tables required from BMCL	
	PMI 207	Basement Sink	10/07/2013	Noted changes to equipment to be accounted for in August list	
			10/07/2013	Sink area added to prep area – noted in drawings and will appear within the next equipment list – updated - GW to take forward	
2097	PMI 234	Unistrut Support	15/07/2013	Adult Hospital Renal Outpatients Unistrut Support for patient entertainment	

### COMPENSATION EVENTS

10017	CE 047	Adult Hospital – Patient Self check-ins	08/07/2013 10/07/2013	Please proceed and install infrastructure as set out in PMI 216. PMI issued	
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### Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013)
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team

would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013)

- 3) Renal Dialysis Day Ward – DP sought confirmation of the requirements for pattressing. PM agreed to confirm. (11/04/2013) AS requested that HG be asked if the Renal Dialysis Ward had been included in the original PMI. DP suggested that it may be included in the original PMI however may need to be placed. (17/04/2013). DH noted that a visit to site will be required in order to pinpoint the locations of the patressing. This needs to be completed ASAP to ensure patient entertainment is in appropriate place (25/04/2013) DH and PM agreed to review on site (02/05/2013) It was noted that this had been accommodated within the original cost plan. PM I to be provided to BMCL. BMCL to confirm is within the cost plan. (06/06/2013) DH advised that he was progress with GW and a PMI would be subsequently provided (13/06/2013) PM advised that he had walked round the rooms and thought that a dropped pole could be installed at the ducting. DH had identified a suitable arm which could take a TV. PM noted that if required a drawing could be marked

up.(20/06/2013) DH advised that he had marked up 1 of the 8 bed areas to identify where the drops could be positioned. (27/06/2013) GW advised that he couldn't find the bed area marked up drawing and DH agreed to re-markup and provide the mark-up to BMCL. (04/07/2013). **Information passed over to BMCL (11/07/2013)**

- 4) Phasing Discussions – DH suggested that consideration needed to be given to the MTHW extension when BMCL are looking at phasing/changes to the site. AS advised that the NHS Team would be doing a MTHW ring however this currently needs to be planned out. (02/05/2013). GW advised that AK was awaiting a response from the NHS. DP advised that AK was looking to build in the MTHW works into the existing BMCL phasing plans but didn't have the info to progress. PM advised that he had received an informal copy of the marked up drawing and had met with AK but he had not received anything formally to comment on. DP advised that BMCL were awaiting info from the NHS re NHS Phasing. DH advised that a technical review identified buildings that are in the way of sections of the ring. T&L will have its own boiler plant. Financially, it would be advantageous for the NHS to have the works done early but technically it may be better to leave. There may be sections of the ring that can be put in early. DS suggested that it may be beneficial to arrange Phasing Handover workshops and this was agreed. (16/05/2013) AK enquired how the NHS expected to receive the drawing formally. DH agreed to liaise with PM and confirm the way forward. (24/05/2013) PM suggested that BMCL should provide a range of questions and PM will respond (06/06/2013) PM noted that the NHS were awaiting a list of questions so that the NHS Team can provide responses. AK noted that he was removing his notes from the drawings before providing to the NHS. (13/06/2013) AK advised that he had taken the notes off the drawing and was writing up a list of queries for NHS response. AK agreed to provide the information to the NHS (27/06/2013) AK advised that the information would be issued via RFI process would be issued later that day. PM noted that he would organize an internal meeting to review. AS advised that he would like to conclude discussions at the forthcoming ASSB meeting and enquired if KStewart had been asked to reconfigure the spaces to make better use of the car park available. **DH responded and will forward drawing to GW – links within MTHW within stage 3A. Car Park 2 is now officially no longer being built and no additional deck will be added to CP1. Radius kerb – response awaited from WSP/BMCL to move the bus stop – PM/JM discussed BMCL/WSP. AS will have conversation with Kevin McCormick of GCC to ascertain if masterplan requires to be changed DP agreed to speak to Jim Miller and revert back to AS before he goes to GCC (11/07/2013)**
- 5) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). **Modified proposals response due in 2 weeks and to be approved by users (John Foster)**
- 6) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). **DP noted still chasing this (11/07/2013)**
- 7) Fire incident on site. It was noted that BMCL would issue and EW regarding the fire incident. DP enquired if Capita had been onsite to review. PM agreed to liaise with John Redmond. DR noted that BMCL were awaiting the Fire and Loss Adjustor report. (20/06/2013) GW advised that BMCL were still awaiting the formal reports. AS advised that the NHS needed to get the Fire Service report for the record (27/06/2013) AK advised that he was chasing for a copy of the formal fire service report. DMF advised that the site also has periodic visits from Chubb re Fire Safety. The Chubb rep had been provided with a tour of the site and taken through the lessons learned and DMF would ask for the Chubb

report. AS advised that he needed to know that the incident had been fully captured including what had been done. (04/07/2013). No report back as yet. AK to progress. Fire Risk Assessment carried out and remedial works underway. Incident plan now in place. AS asked AH to forward this to all the Board Team for information (11/07/2013)



- 8) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013)
- 9) Electricity Meter Readings – it was noted that a meeting had been organized to discuss the readings (04/07/2013)
- 10) Porter screens – PMI 230 issued with drawings indicating preferred location of screens
- 11) Changing Cabin for helipad – PM noted that the order for the helipad changing cabin was due to be placed however the NHS needed to understand when the deck is being installed and need to do water-proofing works. AK agreed to confirm asap. NHS need to know whether ordering as flat pack or already made up. (04/07/2013)
- 12) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings
- 13) Sedum – not signed off - will remain for next 12 months in hope sedum will establish itself further



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 24/07/2013:

<div style="float: right; text-align: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDermott had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

			08/03/2012	with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.
			05/04/2012	GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.
			12/04/2012	BMCL have instructed Dunnes to produce method statement.
			31/05/2012	A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.
			27/06/2012	DS advised that final test can only be carried out once Biochemistry has been demolished.
			05/07/2012	Demolition access from 22 <sup>nd</sup> August 2012
				GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW
			02/08/2012	Biochemistry site investigation works will be undertaken.
			16/08/2012	BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28 <sup>th</sup> August 2012 NHS date – NHS to confirm 28 <sup>th</sup> August is ok
			23/08/12	DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs
			30/08/2012	BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.
			06/09/2012	Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.
			13/09/2012	Demolition works substantially complete – no issues raised thus far
			20/09/2012	DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.
			18/10/2012	Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.
			25/10/2012	DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.
			15/11/2012	DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected. Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC. Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.
			22/11/2012	DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K
			29/11/2012	DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.
			06/12/2012	DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide



			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

			<p>04/04/2013</p> <p>18/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p> <p>16/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p> <p>13/06/2013</p> <p>20/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p>	<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding.</p> <p>DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will</p>	


			<p>update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.</p> <p>22/11/12 DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.</p> <p>29/11/2012 DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.</p> <p>06/12/2012 DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&amp;B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review.</p> <p>13/12/2012 GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected. DH suggested that the only items outstanding was the 1<sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]</p> <p>20/12/2012 DH advised that he would pursue the return of the basement and restaurant drawings.</p> <p>10/01/2013 DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.</p> <p>17/01/2013 DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.</p> <p>24/01/2013 DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.</p> <p>31/01/2013 DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.</p> <p>07/02/2013 DH advised that items are being addressed.</p> <p>14/02/2013 DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these</p>
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			<p>21/02/2013</p> <p>28/02/2013</p> <p>07/03/213</p> <p>14/03/2013</p> <p>04/04/2013</p> <p>11/04/2013</p>	<p>drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.</p> <p>Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p> <p>Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p> <p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>JB noted that BMCL will provide samples of the atrium panel as requested by the NHS.</p> <p>DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet.</p> <p>Ceiling heights – DH continuing to liaise with GW</p> <p>DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.</p> <p>DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>DH noted that the return date issue (RDD tracker versus front sheet) had been resolved.</p> <p>DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the</p>
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			18/04/2013	document would need to be reviewed and a common position agreed. DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24 <sup>th</sup> April and thereafter will bring in the NHS Renal Reps.
			25/04/2013	DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue
			02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.
			16/05/2013	DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.
			24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.
			06/06/2013	DH advised that: <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>
			13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.
			20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.
			27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics

			04/07/2013	RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.	
			11/07/2013	DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3 <sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.	
			18/07/2013	PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.	
				DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vacuum plant information is awaited from MEL/HPI	
				Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays	
				DH reported on the items noted to be outstanding on the RDD tracker	
				Roof level lighting protection and metal composite panel cladding new additions to RDD	
				2 JTCs returned on Wednesday	
				2 JTCs under review	
				Group 1 – catheter cupboard omitted and PMI is drafted	
				Minor equipment – Electrical, pharmacy cabinet and renal water are WIP	
				Audiometry acoustic report is with users for feedback	
				Medical Air and Vacuum plant info required from BMCL	
				Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 24/07/2013

							
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
18924	NHS EW 048	- CHILDREN'S HOSPITAL ROOM REH-037 MOULD ROOM	22/07/2013	The Board advise that in reviewing door types in the NCH Rehab area, it has been found that the room usage and equipment contents of the Mould Room (REH-037) appear to have been overlooked when identifying fire hazard rooms. ADB code OVE1000 has 650 watt heat emitters and the process involves heating plastics. BMCE to review room categorisation and confirm requirements for both fire enclosure and services environment.			

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 24/07/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	

			<p>22/02/2013 06/03/2013 04/04/2013 11/04/2013 17/04/2013 25/04/2013 02/05/2013  16/05/2013 24/05/2013 06/06/2013 13/06/2013 20/06/2013 27/06/2013 04/07/2013 11/07/2013 18/07/2013</p>	<p>AK reported end of March was the target date – AK will provide a firm date once known AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013. DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013. DP noted that BMCL were awaiting on Siemens. It was noted that contractors are due in on Monday for final commissioning DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve. DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill. DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for. AS noted that he had been advised that the engineer would be on site on the 17<sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted. DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17<sup>th</sup> June 2013. DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend. DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap. Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed <b>DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion</b></p>	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	<p>21/12/2012 10/01/2013 17/01/2013 24/01/2013 31/01/2013</p>	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage. DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost DP noted this was WIP and that there was a programme for the other areas. DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included. DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p>	



			07/02/2013 14/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes. DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013 28/02/2013	Progressing on programme AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed. AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.	
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.	
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.	
			25/04/2013	DP agreed to chase the proposal	
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.	
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.	
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.	
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.	
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.	
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.	
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.	
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.	
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement	



			<p>24/05/2013 exercise only, at this point. GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.</p> <p>06/06/2013 AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.</p> <p>13/06/2013 GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.</p> <p>20/06/2013 AS agreed to liaise with MMacleod. GW suggested that if would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.</p> <p>27/06/2013 AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.</p> <p>04/07/2013 AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.</p> <p>11/07/2013 YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward</p> <p>18/07/2013 PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>06/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>13/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>20/06/2013 AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p>	

			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back	
2009	PMI 220	PACs screens and keyboards	04/06/2013	The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175	
			06/06/2013	DP noted that he had progressed this with mercury	
			27/06/2013	GW noted that DMF was awaiting information from Mercury	
			04/07/2013	PM advised that he had received the quote. AS noted that DR would need to cross check the quote.	
			11/07/2013	DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued	
			18/07/2013	DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward	
2061	PMI 227	ENT and Ophthalmic Workstations	02/07/2013	The Board confirm that there are in total 20 ENT/Ophthalmic workstations, all of which we propose to remove from Group 1 equipment list. These are located as follows: WOR 695 & WOR695R – Ophthalmic workstations (14 no.) Ground Floor (NCH) NCH-00-OPD-130 NCH-00-OPD-129 NCH-00-OPD-128 NCH-00-OPD-109 NCH-00-OPD-118 First Floor (NSGH) NSGH-01-OPD1-076 NSGH-01-OPD1-069 NSGH-01-OPD1-077 NSGH-01-OPD1-072 NSGH-01-OPD1-071 NSGH-01-OPD1-029 NSGH-01-OPD1-028 NSGH-01-OPD1-027 NSGH-01-OPD1-025 WOR1009 & WOR1009R - ENT workstations (6no.) Ground Floor (NCH) NCH-00-OPD-133 NCH-00-OPD-078 NCH-00-OPD-069 NCH-00-OPD-068 NCH-00-OPD-095 NCH-00-OPD-077 If removed, we propose to replace these workstations with standard consulting room desks (group 3)	
			04/07/2013	It was noted that this is an equipment list change. DH confirmed that the last line of the PMI i.e. "if removed, we propose...." will be updated to confirm removal and associated replacement.	
			11/07/2013	PMI has been updated by Board	
			18/08/2013	PM confirmed that PMI wording had been revised – GW to accept PMI - CLOSED	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop	

			<p>04/07/2013</p> <p>11/07/2013</p> <p>17/07/2013</p>	<p>the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p> <p>Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL</p> <p>Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&amp;E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.</p>	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	<p>03/07/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p>	<p>The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a "future proofed" multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this, is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from; camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply a separate cost of a single video converter as additional units are likely to be needed.</p> <p>GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.</p> <p>GW noted that Mercury to progress with Starkstrom for the 29 theatres. Final iteration of surgeons panels should not be delayed and the addition of the multi-input interface discussions should run parallel to allow contractual progression AS asked for a technical meeting in order to understand what is required and DP to arrange. DP/DH to review the status of the RDD</p> <p>Meeting is scheduled for 18/07 with BMCL and NHS to review the equipment and understand the</p>	

				issues before a meeting with Startkstrom on Monday 22/07/13	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013 10/07/2013 18/07/2013	The Board confirm change to sink specification. Sample sink reviewed on site confirmed okay, revised proposal for tap required from BMCL <b>This was not a change to the type of tap but the same tap with a longer spout</b>	
2085	PMI 233	A&C Hospitals - Aseptic Suite Equipment	10/07/2013        18/07/2013	The Board confirm acceptance of the revised cost of £11,377.06 for aseptic ventilated cabinets (CAB-7016) in lieu of the provisional sum allowance included as part of CE 046. This cost change will be reflected in the next iteration of the equipment list. (Note: there are 6 @ CAB-7016 in the aseptic suite.  In addition, the Board confirm that STF-1005 should be Group 1 for all locations (25 total). BMCL to confirm costs for non aseptic suite locations. Again this cost will be reflected in the next iteration of the equipment list.  Noted changes to equipment to be accounted for in August list  CLOSED	18/07/2013
	PMI 207	Basement Sink	10/07/2013  18/07/2013	Sink area added to prep area – noted in drawings and will appear within the next equipment list – updated - GW to take forward CLOSED	18/07/2013
2097	PMI 234	ADULT HOSPITAL RENAL OUTPATIENTS - UNISTRUT SUPPORTS FOR PE ARMS	15/07/2013       18/07/2013	Please install 24 No Unistrut supports for patient entertainment arms in rooms RENO 028, 029 and 036.  The Board wish to incorporate the provision of 24 No. Unistrut supports in ceiling spaces above renal dialysis stations/treatment chairs into the works as instructed under PMI - 187, with no further cost impact following reduction of the original scope. There are 8 support points in each of the following rooms; RENO 028, RENO 029 and RENO 036 all located as close to the centre line of chair as possible (dependant on services) between 1800mm and 2000mm from the rear wall. Once positions established please confirm with Board representative prior to final fixing.  DH/DP will review on site to position and agreed CLOSED	18/07/2013
2108	PMI 235	ADULT & CHILDRENS HOSPITALS - EQUIPMENT CODES CUP 252 & CUP675	18/07/2013	The above items are to be transferred from equipment Group 2 to Group 1.  The above equipment is to be incorporated into the FF&E contract with JTC, all as per the attached schedule. This change will be incorporated into the next update of the equipment list in August 2013.	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users	



2121	PMI 238	Starkstrom - 01 Colposcope	24/07/2013	The Board instruct the inclusion of Starkstrom quotation Ref Q4428B - 01 Colposcope into the Group 1 equipment list and the omission of the provisional sum allowance for PEN1009.	
2122	PMI 239	PACs screens and keyboards	24/07/2013	The Board confirm the inclusion of the supply and installation of PACs screens and keyboards as an integral part of the Surgeons Panel installation as follows: 29 no. RAFI KS18295 keyboards 58 no. Barco MDRC 2120 21" PACs screens These items are to be added to the Group 1 equipment list	
2123	PMI 240	PICU Renal Panels: Clarification	24/07/2013	The Board confirm that the number of Renal Media Panels in PICU is 4no (four), in accordance with the priced equipment list rather than the 3no (three) noted on the points of use schedule. Equipment list to be amended at next update.	

### COMPENSATION EVENTS

10017	CE 047	Adult Hospital – Patient Self check-ins	08/07/2013 10/07/2013	Please proceed and install infrastructure as set out in PMI 216. PMI issued	CE accepted 24/07/2013
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#### *Other items that require discussion:*

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) **DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will

always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) **Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013)**

- 3) Renal Dialysis Day Ward – DP sought confirmation of the requirements for patressing. PM agreed to confirm. (11/04/2013) AS requested that HG be asked if the Renal Dialysis Ward had been included in the original PMI. DP suggested that it may be included in the original PMI however may need to be placed. (17/04/2013). DH noted that a visit to site will be required in order to pinpoint the locations of the patressing. This needs to be completed ASAP to ensure patient entertainment is in appropriate place (25/04/2013) DH and PM agreed to review on site (02/05/2013) It was noted that this had been accommodated within the original cost plan. PM I to be provided to BMCL. BMCL to confirm is within the cost plan. (06/06/2013) DH advised that he was progress with GW and a PMI would be subsequently provided (13/06/2013) PM advised that he had walked round the rooms and thought that a dropped pole could be installed at the ducting. DH had identified a suitable arm which could take a TV. PM noted that if required a drawing could be marked up.(20/06/2013) DH advised that he had marked up 1 of the 8 bed areas to identify where the drops could be positioned. (27/06/2013) GW advised that he couldn't find the 8 bed area marked up drawing and DH agreed to re-markup and provide the mark-up to BMCL. (04/07/2013). Information passed over to BMCL (11/07/2013). **CLOSED 18/07/2013)**



- 4) Phasing Discussions – DH suggested that consideration needed to be given to the MTHW extension when BMCL are looking at phasing/changes to the site. AS advised that the NHS Team would be doing a MTHW ring however this currently needs to be planned out. (02/05/2013). GW advised that AK was awaiting a response from the NHS. DP advised that AK was looking to build in the MTHW works into the existing BMCL phasing plans but didn't have the info to progress. PM advised that he had received an informal copy of the marked up drawing and had met with AK but he had not received anything formally to comment on. DP advised that BMCL were awaiting info from the NHS re NHS Phasing. DH advised that a technical review identified buildings that are in the way of sections of the ring. T&L will have its own boiler plant. Financially, it would be advantageous for the NHS to have the works done early but technically it may be better to leave. There may be sections of the ring that can be put in early. DS suggested that it may be beneficial to arrange Phasing Handover workshops and this was agreed. (16/05/2013) AK enquired how the NHS expected to receive the drawing formally. DH agreed to liaise with PM and confirm the way forward. (24/05/2013) PM suggested that BMCL should provide a range of questions and PM will respond (06/06/2013) PM noted that the NHS were awaiting a list of questions so that the NHS Team can provide responses. AK noted that he was removing his notes from the drawings before providing to the NHS. (13/06/2013) AK advised that he had taken the notes off the drawing and was writing up a list of queries for NHS response. AK agreed to provide the information to the NHS (27/06/2013) AK advised that the information would be issued via RFI process would be issued later that day. PM noted that he would organize an internal meeting to review. AS advised that he would like to conclude discussions at the forthcoming ASSB meeting and enquired if KStewart had been asked to reconfigure the spaces to make better use of the car park available. DH responded and will forward drawing to GW – links within MTHW within stage 3A. Car Park 2 is now officially no longer being built and no additional deck will be added to CP1. Radius kerb – response awaited from WSP/BMCL to move the bus stop – PM/JM discussed BMCL/WSP. AS will have conversation with Kevin McCormick of GCC to ascertain if masterplan requires to be changed. DS agreed to speak to Jim Miller and revert back to AS before he goes to GCC (11/07/2013) **AS reported his conversation with Kevin McCormack and GCC happy with the omission of this part of the project and to progress with other options for parking as long as the ceiling limit was not exceeded there should be no issues. AS asked GW to include within their demolition programme the A&E, Management Building and therapy and outpatients. The back end of the AMB to be included but it was not clear the exact positions as there was consideration to be given to the IT connections included within outpatients and AMB. It was considered beneficial to the site if BMCL were able to cost this project within budget. Timing for this work will need some consideration (18/07/2013)**
- 5) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), **Proposals are awaited (18/07/2013)**
- 6) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) **DP progressing (18/07/2013)**
- 7) Fire incident on site. It was noted that BMCL would issue and EW regarding the fire incident. DP enquired if Capita had been onsite to review. PM agreed to liaise with John Redmond. DR noted that BMCL were awaiting the Fire and Loss Adjustor report. (20/06/2013) GW advised that BMCL were still awaiting the formal reports. AS advised that the NHS needed to get the Fire Service report for the record (27/06/2013) AK advised that he was chasing for a copy of the formal fire service report. DMF advised that the site also has periodic visits from Chubb re Fire Safety. The Chubb rep had been provided with a tour of the site and taken through the lessons learned and DMF would ask for the Chubb

report. AS advised that he needed to know that the incident had been fully captured including what had been done. (04/07/2013). No report back as yet. AK to progress Fire Risk Assessment carried out and remedial works underway. Incident plan now in place. AS asked AH to forward this to all the Board Team for information (11/07/2013) **Report awaited (18/07/2013)**



- 8) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). **AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013)**
- 9) Electricity Meter Readings – it was noted that a meeting had been organized to discuss the readings (04/07/2013). **A process has been agreed with AGS and BMCL until the end of June billing. AS requested a written process to be agreed and brought to the EW meeting on Thursday 25/07 (18/07/2013)**
- 10) Porter screens – PMI 230 issued with drawings indicating preferred location of screens – **CLOSED (18/07/2013)**
- 11) Changing Cabin for helipad – PM noted that the order for the helipad changing cabin was due to be placed however the NHS needed to understand when the deck is being installed and need to do water-proofing works. AK agreed to confirm asap. NHS need to know whether ordering as flat pack or already made up. (04/07/2013) **PM reported that order has been placed and site visit to survey area of construction is set for next week. This will also enable method statement requirements to be clarified and timelines known (18/07/2013)**
- 12) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. **DP has forward but AS/PM had not had opportunity to review (18/07/2013)**
- 13) Sedum – not signed off - will remain for next 12 months to allow it to establish itself further.
- 14) DH noted that there was a hazard room not identified REH037 within rehab of NCH – BMCL to note (18/07/2013)
- 15) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 31/07/2013:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDermott had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			08/03/2012	with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.
			05/04/2012	GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.
			12/04/2012	BMCL have instructed Dunnes to produce method statement.
			31/05/2012	A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.
			27/06/2012	DS advised that final test can only be carried out once Biochemistry has been demolished.
			05/07/2012	Demolition access from 22 <sup>nd</sup> August 2012
				GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW
			02/08/2012	Biochemistry site investigation works will be undertaken.
			16/08/2012	BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28 <sup>th</sup> August 2012 NHS date – NHS to confirm 28 <sup>th</sup> August is ok
			23/08/12	DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs
			30/08/2012	BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.
			06/09/2012	Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.
			13/09/2012	Demolition works substantially complete – no issues raised thus far
			20/09/2012	DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.
			18/10/2012	Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.
			25/10/2012	DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.
			15/11/2012	DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected. Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC. Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.
			22/11/2012	DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K
			29/11/2012	DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.
			06/12/2012	DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide

			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

				<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>04/04/2013 Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>18/04/2013 DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>25/04/2013 DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>02/05/2013 JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>16/05/2013 GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>24/05/2013 JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>06/06/2013 Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>13/06/2013 DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>20/06/2013 AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>04/07/2013 It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>11/07/2013 Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>18/07/2013 WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p> <p>25/07/2013 DS advised that he had received the WSP summary report. DS enquired if the NHS wanted to send this to URS before WSP submit it to GCC. AS requested that the report be provided to NHS in the first instance. AS noted that Alee had met with GCC who had indicated that there is now no requirement to do the monitoring. AS advised that the NHS needed to understand if there is any other remediation on site as RC Calderwood needs risk update. DH advised that there was still the NCH Park and Stage 3a works. DS noted that this draws a line to the current monitoring and anything else would be dealt with as and when. JB noted that a negative CE would need to be issued. DR reported that as the billing was monthly there</p>
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				was no need to pay. DS noted that need to take cognizance re BMCL protecting the project re downstream pollution claims.	
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			12/04/2012	D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.	
			22/11/12	DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.	
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.	
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.	
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]	
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.	
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.	
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.	
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.	
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.	
			07/02/2013	DH advised that items are being addressed.	
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was	



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				<p>awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.</p>
		21/02/2013		<p>Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p>
		28/02/2013		<p>Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p>
		07/03/213		<p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p>
		14/03/2013		<p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>JB noted that BMCL will provide samples of the atrium panel as requested by the NHS.</p> <p>DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet.</p> <p>Ceiling heights – DH continuing to liaise with GW</p> <p>DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD</p>



			04/04/2013	Signoff front sheets which accompanied the drawings, etc. DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.
			11/04/2013	DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation & signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.
			18/04/2013	DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24 <sup>th</sup> April and thereafter will bring in the NHS Renal Reps.
			25/04/2013	DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue
			02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.
			16/05/2013	DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.
			24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.
			06/06/2013	DH advised that: <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>
			13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec

			<p>had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.</p> <p>20/06/2013 PM advised that the workflow report from the 18<sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.</p> <p>27/06/2013 DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.</p> <p>04/07/2013 DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.</p> <p>PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p> <p>11/07/2013 DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vacuum plant information is awaited from MEL/HPI</p> <p>Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays</p> <p>18/07/2013 DH reported on the items noted to be outstanding on the RDD tracker</p> <p>Roof level lighting protection and metal composite panel cladding new additions to RDD</p> <p>2 JTCs returned on Wednesday</p> <p>2 JTCs under review</p> <p>Group 1 – catheter cupboard omitted and PMI is drafted</p> <p>Minor equipment – Electrical, pharmacy cabinet and renal water are WIP</p> <p>Audiometry acoustic report is with users for feedback</p> <p>Medical Air and Vacuum plant info required from BMCL</p> <p>Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked</p> <p>25/07/2013 DH provided the following update:</p> <p>Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments.</p> <p>Desk locations – reprints were to be requested</p> <p>JTC – wip and would be returned asap</p> <p>Audiometry – comments to be provided back by the end of the week.</p>	
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SyprolD	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
18924	NHS EW 048	- CHILDREN'S HOSPITAL ROOM REH-037 MOULD ROOM	22/07/2013	<p>The Board advise that in reviewing door types in the NCH Rehab area, it has been found that the room usage and equipment contents of the Mould Room (REH-037) appear to have been overlooked when identifying fire hazard rooms. ADB code OVE1000 has 650 watt heat emitters and the process involves heating plastics. BMCE to review room categorisation and confirm requirements for both fire enclosure and services environment.</p> <p>DS advised that BMCL were looking at this and identifying if there is anything in design terms which needed to change however needed to know the equipment spec. DH agreed to provide the equipment spec.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 31/07/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	

			<p>22/02/2013 AK reported end of March was the target date – AK will provide a firm date once known</p> <p>06/03/2013 AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.</p> <p>04/04/2013 DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks</p> <p>11/04/2013 It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013.</p> <p>17/04/2013 DP noted that BMCL were awaiting on Siemens.</p> <p>25/04/2013 It was noted that contractors are due in on Monday for final commissioning</p> <p>02/05/2013 DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.</p> <p>16/05/2013 DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.</p> <p>24/05/2013 DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.</p> <p>06/06/2013 AS noted that he had been advised that the engineer would be on site on the 17<sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.</p> <p>13/06/2013 DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17<sup>th</sup> June 2013.</p> <p>20/06/2013 DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.</p> <p>27/06/2013 DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day</p> <p>04/07/2013 PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.</p> <p>11/07/2013 Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed</p> <p>18/07/2013 DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion</p> <p>25/07/2013 DP advised that the Siemens rep was due later that day</p>	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	<p>21/12/2012 Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>10/01/2013 DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>17/01/2013 DP noted this was WIP and that there was a programme for the other areas.</p> <p>24/01/2013 DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>31/01/2013 DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted</p>	

			07/02/2013 14/02/2013	that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4. IP was to be requested to confirm to DP that Nicola had requested no further changes.
			21/02/2013 28/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme. Progressing on programme AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed. AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.

			18/07/2013 25/07/2013	Agreed way forward – BMCL to plan and implement Instruction given to Mercury today and programme will be issued DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.	
1952	PMI 214	YCF additions	10/05/2013	<p>Please find below (and attached) information in relation to the requirements for the Yorkhill Children's Foundation "added value" works</p> <p>I would be grateful if you could include these requests into the building and advise on the costs in order that the Board can bill the YCF accordingly</p> <ol style="list-style-type: none"> <li>1. Sky ceilings to be added in the following rooms: <ul style="list-style-type: none"> <li>• Child protection room CPS.004</li> <li>• ED majors staff base EMC.61</li> <li>• 2 dental rooms OPD.082 &amp; OPD.139</li> <li>• Plaster room OPD.073</li> <li>• Phlebotomy room OPD.193</li> <li>• Nuclear Medicine camera room RMN.033</li> <li>• Nuclear Medicine injection room RMN.027</li> <li>• Theatres holding areas THE.032, THE.033 &amp; THE.034</li> <li>• MRI rooms RCG.064 &amp; RCF.024</li> </ul> </li> <li>2. Sky box in <ul style="list-style-type: none"> <li>• Radiotherapy room in Schiehallion SCH.081</li> </ul> </li> <li>3. Pattressing on wall in wait area of Observation ward OBS.054</li> <li>4. Information on Snoozelen rooms DCFP. 050 &amp; GW3.050</li> <li>5. Information on Family Centre room ENT.028- in particular the glass front that is required</li> </ol>	
			16/05/2013	GW advised that BMCL were currently pricing the works up. PM confirmed that this is a pricing exercise only, at this point.	
			24/05/2013	GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.	
			06/06/2013	AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.	
			13/06/2013	GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.	
			20/06/2013	AS agreed to liaise with MMacleod. GW suggested that it would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.	
			27/06/2013	AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.	
			04/07/2013	AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the	

			11/07/2013	way forward. YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward	
			18/07/2013 25/07/2013	PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2 PM noted that he was meeting with James Bailey later that day. PM needed to understand the final quote and the payment mechanism. A PMI would be issued in due course to confirm the way forward re YCF and YCF 2.	
1978	PMI 217	MTHW System - Site ring	22/05/2013	The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.	
			24/05/2013	The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc	
			06/06/2013	DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.	
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.	
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013 25/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will	



				need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.	
2009	PMI 220	PACs screens and keyboards	04/06/2013  06/06/2013 27/06/2013 04/07/2013  11/07/2013  18/07/2013	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013  04/07/2013  11/07/2013  17/07/2013  25/07/2013	<p>Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p> <p>Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL</p> <p>Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&amp;E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.</p> <p>PM advised that the CAD had been received and had been reviewed the previous day. The</p>	

				drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	03/07/2013  04/07/2013  11/07/2013  18/07/2013  25/07/2013	<p>The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a "future proofed" multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this, is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from; camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply a separate cost of a single video converter as additional units are likely to be needed.</p> <p>GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.</p> <p>GW noted that Mercury to progress with Starkstrom for the 29 theatres. Final iteration of surgeons panels should not be delayed and the addition of the multi-input interface discussions should run parallel to allow contractual progression AS asked for a technical meeting in order to understand what is required and DP to arrange. DP/DH to review the status of the RDD</p> <p>Meeting is scheduled for 18/07 with BMCL and NHS to review the equipment and understand the issues before a meeting with Starkstrom on Monday 22/07/13</p> <p>It was noted that this item was now closed as the NHS had provided the quote. Cross ref PMI 209. AS raised concern that the Starkstrom Theatre package was flawed. DP advised that the theatre works however perhaps not how the clinicians want/desire it to work for how they want to use it. AS suggested that if this is an enhancement then it would need to be a CE. DP noted that the cost was with Mercury for review.</p>	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013 10/07/2013 18/07/2013 25/07/2013	<p>The Board confirm change to sink specification.</p> <p>Sample sink reviewed on site confirmed okay, revised proposal for tap required from BMCL</p> <p>This was not a change to the type of tap but the same tap with a longer spout</p> <p>PM advised that he would review this on site at the first opportunity</p>	
2108	PMI 235	ADULT & CHILDRENS HOSPITALS - EQUIPMENT CODES CUP 252 & CUP675	18/07/2013  25/07/2013	<p>The above items are to be transferred from equipment Group 2 to Group 1.</p> <p>The above equipment is to be incorporated into the FF&amp;E contract with JTC, all as per the attached schedule. This change will be incorporated into the next update of the equipment list in August 2013.</p> <p>DMF advised that JTC had been asked to identify any implications</p>	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)	

			25/07/2013	DH noted that there had been a query re additional heat load and he suggested that DWilson should discuss this with FCarnie.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users 25/07/2013 DMF advised that he was awaiting the cost info.	
2121	PMI 238	Starkstrom - 01 Colposcope	24/07/2013	The Board instruct the inclusion of Starkstrom quotation Ref Q4428B - 01 Colposcope into the Group 1 equipment list and the omission of the provisional sum allowance for PEN1009. 25/07/2013 It was agreed that this item was now closed (Equipment list change)	
2122	PMI 239	PACs screens and keyboards	24/07/2013	The Board confirm the inclusion of the supply and installation of PACs screens and keyboards as an integral part of the Surgeons Panel installation as follows: 29 no. RAFI KS18295 keyboards 58 no. Barco MDRC 2120 21" PACs screens These items are to be added to the Group 1 equipment list 25/07/2013 It was agreed that this item was now closed (Equipment list change)	
2123	PMI 240	PICU Renal Panels: Clarification	24/07/2013	The Board confirm that the number of Renal Media Panels in PICU is 4no (four), in accordance with the priced equipment list rather than the 3no (three) noted on the points of use schedule. Equipment list to be amended at next update. 25/07/2013 It was agreed that this item was now closed (Equipment list change)	
2127	PMI 241	A&C Pneumatic Tube – Teaching & Learning Centre and Neuro-sciences	26/07/2013	The Board confirm that BMCL should proceed with the installation of the pneumatic tube system within the link bridges serving the Teaching and Learning and Neuro-sciences buildings in order to mitigate the risk of interface/warranty issues. Refer attached sketch layouts PT1 and PT2. It is noted that these works will be part of the project defined cost.	
2131	PMI 242	Generator provision at switch over from Energy Centre to A&C Hospitals	26/07/2013	Generator provision at switch over from Energy Centre to A&C Hospitals The Board confirm that subsequent to ongoing discussions, that BMCL should arrange for generator cover to the laboratories building for the period of switch over from the Energy Centre to the A&C Hospitals as part of the final commissioning process. It is noted that these works will be part of the project defined cost.	
2132	PMI 243	Energy Centre – Access Assistance to the NHS	26/07/2013	The Board confirm that the costs associated in providing access assistance (including Scaffolding and attendance by FES) to new energy centre in order that the NHS Board Contractor could carry out cabling works should form part of the project defined cost.	
2133	PMI 244	A & C Hospitals – Modification to Telephone System within A&C Hospital Lifts	26/07/2013	The Board confirm that for reasons of clinical safety that the communications protocol for these lifts should be converted from Schindler's e-alarm system to a universal Wincrest system which directs calls to the NHS GG&C Contact Centre at Hillington instead of Schindler. It is noted that BMCL will provide the PC and monitoring software. It is noted that these works will be part of the project defined cost.	

### COMPENSATION EVENTS

10017	CE 047	Adult Hospital – Patient Self check-ins	08/07/2013 10/07/2013	Please proceed and install infrastructure as set out in PMI 216. PMI issued	CE accepted 24/07/2013
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**Other items that require discussion:**

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Dieselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Dieselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) **DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013.**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he

had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) **DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) **DS advised that he would chase up the proposals (25/07/2013)**
- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) **DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH**



noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013)


- 5) Fire incident on site. It was noted that BMCL would issue and EW regarding the fire incident. DP enquired if Capita had been onsite to review. PM agreed to liaise with John Redmond. DR noted that BMCL were awaiting the Fire and Loss Adjustor report. (20/06/2013) GW advised that BMCL were still awaiting the formal reports. AS advised that the NHS needed to get the Fire Service report for the record (27/06/2013) AK advised that he was chasing for a copy of the formal fire service report. DMF advised that the site also has periodic visits from Chubb re Fire Safety. The Chubb rep had been provided with a tour of the site and taken through the lessons learned and DMF would ask for the Chubb report. AS advised that he needed to know that the incident had been fully captured including what had been done. (04/07/2013). No report back as yet. AK to progress. Fire Risk Assessment carried out and remedial works underway. Incident plan now in place. AS asked AH to forward this to all the Board Team for information (11/07/2013) Report awaited (18/07/2013) **AK noted that he had received the report which was being review as the detail was confusing however the report summary stated that the fire had been caused by the accidental disposal of a lit cigarette.**
- 6) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) **DMF agreed to chase this up (25/07/2013)**
- 7) Changing Cabin for helipad – PM noted that the order for the helipad changing cabin was due to be placed however the NHS needed to understand when the deck is being installed and need to do water-proofing works. AK agreed to confirm asap. NHS need to know whether ordering as flat pack or already made up. (04/07/2013) **PM reported that order has been placed and site visit to survey area of construction is set for next week. This will also enable method statement requirements to be clarified and timelines known (18/07/2013) PM noted that a meeting with the cabin contractor had been scheduled for Monday 29/07/2013**
- 8) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) **DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overclad. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013)**
- 9) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review 0 looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013)
- 10) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion.
- 11) Delay to BMCL Fire road drainage connection as Maternity foul onto Hardgate Road is backing up. AK had contacted the Scottish Water rep to resolve. AS advised that if BMCL were not getting a response that he would be happy to assist. DH noted that although it was a Project problem it could become a public health problem if not dealt with in a timeous manner. (25/07/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 31/07/2013:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.</p> <p>05/04/2012 GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>12/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>31/05/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>27/06/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>05/07/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>02/08/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>16/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>23/08/12 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>30/08/2012 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>06/09/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>13/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>20/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>18/10/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>25/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>15/11/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>22/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected.</p> <p>29/11/2012 Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC.</p> <p>06/12/2012 Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

				<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>04/04/2013 Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>18/04/2013 DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>25/04/2013 DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>02/05/2013 JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>16/05/2013 GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>24/05/2013 JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>06/06/2013 Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>13/06/2013 DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>20/06/2013 AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>04/07/2013 It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>11/07/2013 Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>18/07/2013 WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p> <p>25/07/2013 DS advised that he had received the WSP summary report. DS enquired if the NHS wanted to send this to URS before WSP submit it to GCC. AS requested that the report be provided to NHS in the first instance. AS noted that Allee had met with GCC who had indicated that there is now no requirement to do the monitoring. AS advised that the NHS needed to understand if there is any other remediation on site as RC Calderwood needs risk update. DH advised that there was still the NCH Park and Stage 3a works. DS noted that this draws a line to the current monitoring and anything else would be dealt with as and when. JB noted that a negative CE would need to be issued. DR reported that as the billing was monthly there</p>
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			01/08/2013	<p>was no need to pay. DS noted that need to take cognizance re BMCL protecting the project re downstream pollution claims.</p> <p>CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued.</p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p> <p>22/11/12</p> <p>29/11/2012</p> <p>06/12/2012</p> <p>13/12/2012</p> <p>20/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p> <p>24/01/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.</p> <p>DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.</p> <p>DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.</p> <p>DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&amp;B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review.</p> <p>GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected. DH suggested that the only items outstanding was the 1<sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]</p> <p>DH advised that he would pursue the return of the basement and restaurant drawings.</p> <p>DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.</p> <p>DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.</p> <p>DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead</p>	


			<p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p> <p>21/02/2013</p> <p>28/02/2013</p> <p>07/03/2013</p>	<p>out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out. DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.</p> <p>DH advised that items are being addressed.</p> <p>DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.</p> <p>Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p> <p>Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p> <p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built</p>	
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			<p>14/03/2013</p> <p>04/04/2013</p> <p>11/04/2013</p> <p>18/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p> <p>16/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p>	<p>drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>JB noted that BMCL will provide samples of the atrium panel as requested by the NHS.</p> <p>DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet.</p> <p>Ceiling heights – DH continuing to liaise with GW</p> <p>DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.</p> <p>DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>DH noted that the return date issue (RDD tracker versus front sheet) had been resolved.</p> <p>DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p> <p>DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p> <p>DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.</p> <p>DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.</p> <p>DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.</p> <p>DH advised that:</p> <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> </ul>	
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			<ul style="list-style-type: none"> <li>• JCT info to be provided later that day as confirmed to DH by FW</li> <li>• Final equipment list cost expected later that day</li> </ul>	
		13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.	
		20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.	
		27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.	
		04/07/2013	DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3 <sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.	
			PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.	
		11/07/2013	DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vacuum plant information is awaited from MEL/HPI	
			Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays	
		18/07/2013	DH reported on the items noted to be outstanding on the RDD tracker	
			Roof level lighting protection and metal composite panel cladding new additions to RDD	
			2 JTCs returned on Wednesday	
			2 JTCs under review	
			Group 1 – catheter cupboard omitted and PMI is drafted	
			Minor equipment – Electrical, pharmacy cabinet and renal water are WIP	
			Audiometry acoustic report is with users for feedback	
			Medical Air and Vacuum plant info required from BMCL	
			Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked	
		25/07/2013	DH provided the following update: Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion).	

			01/08/2013	<p>DH would return the RDD docs as a B status with comments.          Desk locations – reprints were to be requested          JTC – wip and would be returned asap          Audiometry – comments to be provided back by the end of the week.          DH noted that he had reviewed the tracker the previous night and provided the following update:          The first few dates appeared to be incorrect          Lead lining drawings returned 29/07/2013          MRI Breakout – to be returned later that day          Bedhead trunking – to be returned later that day          JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided)          Minor Equipment schedule – WIP          Medical Air Vacuum – awaiting info from DP (schematics)          Renal water – with DP          Desk locations – reprints awaited.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 31/07/2013

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
18924	NHS EW 048	- CHILDREN'S HOSPITAL ROOM REH-037 MOULD ROOM	22/07/2013  01/08/2013	<p>The Board advise that in reviewing door types in the NCH Rehab area, it has been found that the room usage and equipment contents of the Mould Room (REH-037) appear to have been overlooked when identifying fire hazard rooms. ADB code OVE1000 has 650 watt heat emitters and the process involves heating plastics. BMCE to review room categorisation and confirm requirements for both fire enclosure and services environment.          DS advised that BMCL were looking at this and identifying if there is anything in design terms which needed to change however needed to know the equipment spec. DH agreed to provide the equipment spec          DS advised that the drawings are being updated to reflect change – will be made a fire hazard room. BMCL are awaiting the oven info to conclude. DH suggested that the oven info had been provided and would check this out and re-provide.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 31/07/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	



			22/02/2013 06/03/2013 04/04/2013 11/04/2013 17/04/2013 25/04/2013 02/05/2013  16/05/2013 24/05/2013  06/06/2013 13/06/2013 20/06/2013 27/06/2013 04/07/2013 11/07/2013 18/07/2013 25/07/2013 01/08/2013	<p>AK reported end of March was the target date – AK will provide a firm date once known</p> <p>AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.</p> <p>DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks</p> <p>It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013.</p> <p>DP noted that BMCL were awaiting on Siemens.</p> <p>It was noted that contractors are due in on Monday for final commissioning</p> <p>DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.</p> <p>DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.</p> <p>DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.</p> <p>AS noted that he had been advised that the engineer would be on site on the 17<sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.</p> <p>DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17<sup>th</sup> June 2013.</p> <p>DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.</p> <p>DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day</p> <p>PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.</p> <p>Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed</p> <p>DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion</p> <p>DP advised that the Siemens rep was due later that day</p> <p><b>DP to provide update by 05/08/2013. PM advised that he would get AGS to check out if operational.</b></p>	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012 10/01/2013 17/01/2013 24/01/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4</p>	

			31/01/2013	to be included. DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.
			21/02/2013	Progressing on programme
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed. AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further



			<p>04/07/2013 that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.</p> <p>11/07/2013 AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.</p> <p>18/07/2013 YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised</p> <p>25/07/2013 Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward</p> <p>PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2</p> <p>PM noted that he was meeting with James Bailey later that day. PM needed to understand the final quote and the payment mechanism. A PMI would be issued in due course to confirm the way forward re YCF and YCF 2.</p> <p>01/08/2013 PM advised that he had met with James Bailey. PM had emailed YCF CE and was awaiting confirmation of approval to proceed re proposals and payment mechanism. GW noted that confirmation was needed asap as would become critical soon. It was noted that BCM were not progressing anything re YCF2 at this time. PM agreed to email MMacleod requesting an update.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>06/06/2013 GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>13/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>20/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>27/06/2013 AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p> <p>04/07/2013 AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>AS advised that he was still to have a walkround so can understand what needs to be done before</p>	

			<p>11/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p>	<p>instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.</p> <p>DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p> <p>AS/DH and AK will walkround the proposed area on Friday 19th July and report back</p> <p>AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p><b>DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</b></p>	
2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>01/08/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p><b>PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</b></p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013</p> <p>04/07/2013</p>	<p>Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had</p>	

			11/07/2013	instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.	
			17/07/2013	Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL	
			25/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			01/08/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
				PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	03/07/2013	The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a "future proofed" multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this, is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from; camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply a separate cost of a single video converter as additional units are likely to be needed.	
			04/07/2013	GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.	
			11/07/2013	GW noted that Mercury to progress with Starkstrom for the 29 theatres. Final iteration of surgeons panels should not be delayed and the addition of the multi-input interface discussions should run parallel to allow contractual progression. AS asked for a technical meeting in order to understand what is required and DP to arrange. DP/DH to review the status of the RDD	
			18/07/2013	Meeting is scheduled for 18/07 with BMCL and NHS to review the equipment and understand the issues before a meeting with Starkstrom on Monday 22/07/13	
			25/07/2013	It was noted that this item was now closed as the NHS had provided the quote. Cross ref PMI 209. AS raised concern that the Starkstrom Theatre package was flawed. DP advised that the theatre works however perhaps not how the clinicians want/desire it to work for how they want to use it. AS	



			01/08/2013	suggested that if this is an enhancement then it would need to be a CE. DP noted that the cost was with Mercury for review. DH advised that a meeting to discuss the arm had taken place the previous day – the arm needs to accommodate 5 cables. The arm comes apart therefore can lay the cables in to it. Mercury and Starkstrom reps confirmed the 5 cables to be carried. Is is the intention to cancel this PMI and reissue a PMI to confirm the way forward re PACS solution and cabling from the pendant to the monitor. Cabling – an equipment cost. Mercury and Starkstrom are clear what is required.	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013 10/07/2013 18/07/2013 25/07/2013 01/08/2013	The Board confirm change to sink specification. Sample sink reviewed on site confirmed okay, revised proposal for tap required from BMCL This was not a change to the type of tap but the same tap with a longer spout PM advised that he would review this on site at the first opportunity PM noted that he was still to be asked to review the longer spout taps on site and he would liaise with P Norton.	
2108	PMI 235	ADULT & CHILDRENS HOSPITALS - EQUIPMENT CODES CUP 252 & CUP675	18/07/2013    25/07/2013 01/08/2013	The above items are to be transferred from equipment Group 2 to Group 1.  The above equipment is to be incorporated into the FF&E contract with JTC, all as per the attached schedule. This change will be incorporated into the next update of the equipment list in August 2013. DMF advised that JTC had been asked to identify any implications Agreed that this is an equipment list item therefore can be closed.	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013   25/07/2013  01/08/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)  DH noted that there had been a query re additional heat load and he suggested that DWilson should discuss this with FCarnie. Noted that costs have to be provided. Position of cabinet to be confirmed however understood that the room can accommodate the cabinet.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013    25/07/2013 01/08/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users DMF advised that he was awaiting the cost info. DMF agreed to chase this up. DH confirmed that load.	
2127	PMI 241	A&C Pneumatic Tube – Teaching & Learning Centre and Neuro-sciences	26/07/2013   01/08/2013	The Board confirm that BMCL should proceed with the installation of the pneumatic tube system within the link bridges serving the Teaching and Learning and Neuro-sciences buildings in order to mitigate the risk of interface/warranty issues. Refer attached sketch layouts PT1 and PT2. It is noted that these works will be part of the project defined cost. Agreed this item could be closed	01/08/2013
2131	PMI 242	Generator provision at switch over from Energy Centre to A&C Hospitals	26/07/2013	Generator provision at switch over from Energy Centre to A&C Hospitals The Board confirm that subsequent to ongoing discussions, that BMCL should arrange for generator cover to the laboratories building for the period of switch over from the Energy Centre to the A&C Hospitals as	01/08/2013

			01/08/2013	part of the final commissioning process. It is noted that these works will be part of the project defined cost. <i>Agreed this item could be closed</i>	
2132	PMI 243	Energy Centre – Access Assistance to the NHS	26/07/2013	The Board confirm that the costs associated in providing access assistance (including Scaffolding and attendance by FES) to new energy centre in order that the NHS Board Contractor could carry out cabling works should form part of the project defined cost. <i>Agreed this item could be closed</i>	01/08/2013
2133	PMI 244	A & C Hospitals – Modification to Telephone System within A&C Hospital Lifts	26/07/2013	The Board confirm that for reasons of clinical safety that the communications protocol for these lifts should be converted from Schindler's e-alarm system to a universal Wincrest system which directs calls to the NHS GG&C Contact Centre at Hillington instead of Schindler. It is noted that BMCL will provide the PC and monitoring software. It is noted that these works will be part of the project defined cost. <i>Agreed this item could be closed</i>	01/08/2013

## COMPENSATION EVENTS

NONE

### *Other items that require discussion:*

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Dieselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Dieselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) *DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013.*
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would



happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) **DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone.

PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) **DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).**

- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) **DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) **DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013)**
- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) **DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013)**
- 7) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review 0 looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) **It was noted that the meeting with WSP was being re-organised (01/08/2013)**
- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. **DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013)**
- 9) Delay to BMCL Fire road drainage connection as Maternity foul onto Hardgate Road is backing up. AK had contacted the Scottish Water rep to resolve. AS advised that if BMCL were not getting a response that he would be happy to assist. DH noted that although it was a Project problem it could become a public health problem if not dealt with in a



timeous manner. (25/07/2013 AK advised that he was awaiting SW to visit to deal with the issue. BMCL are checking the manholes regularly. AK may advise AGS to carry out the Board works whilst the SW drainage issue is being resolved. BMCL will have 1 more attempt to push the SW drainage works and if they don't get a positive response then will escalate this.

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 14/08/2013:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds. GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>05/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>12/04/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>31/05/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>27/06/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>05/07/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>02/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>16/08/2012 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>23/08/12 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>30/08/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>06/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>13/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>20/09/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>18/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>25/10/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>15/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected. Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC. Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>22/11/2012 DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>29/11/2012 DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>06/12/2012 DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

				<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>04/04/2013 Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>18/04/2013 DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>25/04/2013 DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>02/05/2013 JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>16/05/2013 GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>24/05/2013 JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>06/06/2013 Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>13/06/2013 DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>20/06/2013 AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>04/07/2103 It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>11/07/2013 Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>18/07/2013 WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p> <p>25/07/2013 DS advised that he had received the WSP summary report. DS enquired if the NHS wanted to send this to URS before WSP submit it to GCC. AS requested that the report be provided to NHS in the first instance. AS noted that Allee had met with GCC who had indicated that there is now no requirement to do the monitoring. AS advised that the NHS needed to understand if there is any other remediation on site as RC Calderwood needs risk update. DH advised that there was still the NCH Park and Stage 3a works. DS noted that this draws a line to the current monitoring and anything else would be dealt with as and when. JB noted that a negative CE would need to be issued. DR reported that as the billing was monthly there</p>
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			01/08/2013	was no need to pay. DS noted that need to take cognizance re BMCL protecting the project re downstream pollution claims. CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued.	
			08/08/2013	DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring.	
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			12/04/2012	D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.	
			22/11/12	DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.	
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.	
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.	
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]	
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.	
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.	
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.	



			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.
			07/02/2013	DH advised that items are being addressed.
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.
			21/02/2013	Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week
			28/02/2013	Bedheads – a further meeting has been organised for next week – feedback thereafter DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues. NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS. Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.
			07/03/213	Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM. NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided. Bedheads – FW had just been provided with the spreadsheet Post sweep up changes- GB had provided further drawings to the PM for review – changes were

				<p>insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>14/03/2013 JB noted that BMCL will provide samples of the atrium panel as requested by the NHS. DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet. Ceiling heights – DH continuing to liaise with GW</p> <p>04/04/2013 DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc. DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>11/04/2013 DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p> <p>18/04/2013 DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>25/04/2013 DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p> <p>02/05/2013 DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.</p> <p>16/05/2013 DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.</p> <p>24/05/2013 DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.</p> <p>06/06/2013 DH advised that:</p> <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> </ul>	
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				<ul style="list-style-type: none"> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>	
			13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.	
			20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.	
			27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.	
			04/07/2013	DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3 <sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.	
				PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.	
			11/07/2013	DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vaccum plant information is awaited from MEL/HPI	
				Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays	
			18/07/2013	DH reported on the items noted to be outstanding on the RDD tracker	
				Roof level lighting protection and metal composite panel cladding new additions to RDD	
				2 JTCs returned on Wednesday	
				2 JTCs under review	
				Group 1 – catheter cupboard omitted and PMI is drafted	
				Minor equipment – Electrical, pharmacy cabinet and renal water are WIP	
				Audiometry acoustic report is with users for feedback	
				Medical Air and Vacuum plant info required from BMCL	
				Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked	
			25/07/2013	DH provided the following update:	

			<p>01/08/2013</p> <p>Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments.</p> <p>Desk locations – reprints were to be requested</p> <p>JTC – wip and would be returned asap</p> <p>Audiometry – comments to be provided back by the end of the week.</p> <p>DH noted that he had reviewed the tracker the previous night and provided the following update:</p> <p>The first few dates appeared to be incorrect</p> <p>Lead lining drawings returned 29/07/2013</p> <p>MRI Breakout – to be returned later that day</p> <p>Bedhead trunking – to be returned later that day</p> <p>JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided)</p> <p>Minor Equipment schedule – WIP</p> <p>Medical Air Vacuum – awaiting info from DP (schematics)</p> <p>Renal water – with DP</p> <p>Desk locations – reprints awaited.</p> <p>08/08/2013</p> <p>Internal finishes – SF trying to locate these – may request reprints.</p> <p>Interventional – information returned</p> <p>Pharmacy – BMCL instructed to fit the out cabinet</p> <p>Minor Equipment – WIP</p> <p>Schedule of low voltage – information returned</p> <p>Metal composite cladding – hard copy never received as was wrong rev no</p> <p>Medical Air and Vacuum plant – awaiting schematic</p> <p>Rack – wip to conclude</p> <p>Safe – instructed PMI to confirm is to be a group 3 item</p> <p>1st floor plans – desk locations – with FW</p> <p>Renal water – returned as a B status – response from Elgar expected 08/08/2013</p> <p>GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p>	
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SypriD	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
18924	NHS EW 048	- CHILDREN'S HOSPITAL ROOM REH-037 MOULD ROOM	22/07/2013  01/08/2013  08/08/2013	<p>The Board advise that in reviewing door types in the NCH Rehab area, it has been found that the room usage and equipment contents of the Mould Room (REH-037) appear to have been overlooked when identifying fire hazard rooms. ADB code OVE1000 has 650 watt heat emitters and the process involves heating plastics. BMCE to review room categorisation and confirm requirements for both fire enclosure and services environment.</p> <p>DS advised that BMCL were looking at this and identifying if there is anything in design terms which needed to change however needed to know the equipment spec. DH agreed to provide the equipment spec</p> <p>DS advised that the drawings are being updated to reflect change – will be made a fire hazard room. BMCL are awaiting the oven info to conclude. DH suggested that the oven info had been provided and would check this out and re-provide.</p> <p>DH advised that he confirmation that the REH037 to be classified as a Fire Hazard room. JB advised that there was no impact to programme, design or defined cost. It was agreed this item could be closed.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 14/08/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	

			22/02/2013 06/03/2013 04/04/2013 11/04/2013 17/04/2013 25/04/2013 02/05/2013  16/05/2013 24/05/2013  06/06/2013 13/06/2013 20/06/2013 27/06/2013 04/07/2013 11/07/2013 18/07/2013 25/07/2013 01/08/2013  08/08/2013	<p>AK reported end of March was the target date – AK will provide a firm date once known</p> <p>AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.</p> <p>DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks</p> <p>It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013.</p> <p>DP noted that BMCL were awaiting on Siemens.</p> <p>It was noted that contractors are due in on Monday for final commissioning</p> <p>DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.</p> <p>DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.</p> <p>DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.</p> <p>AS noted that he had been advised that the engineer would be on site on the 17<sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.</p> <p>DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17<sup>th</sup> June 2013.</p> <p>DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.</p> <p>DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day</p> <p>PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.</p> <p>Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed</p> <p>DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion</p> <p>DP advised that the Siemens rep was due later that day</p> <p>DP to provide update by 05/08/2013. PM advised that he would get AGS to check out if operational.</p> <p><b>DMF noted that both Siemens and Schneider had visited the site. The issue was a controls issue. Reps will revisit that day to install new software. DH provided an overview of the process for installing the new software (delete, install ghost software, reload new software).</b></p>	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the</p>	

			cost
		17/01/2013	DP noted this was WIP and that there was a programme for the other areas.
		24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.
		31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.
		07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.
		14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.
		21/02/2013	Progressing on programme
		28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
		06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.
			AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.
		14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report.
			DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
		04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
		11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
		17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
		25/04/2013	DP agreed to chase the proposal
		02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
		16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
		24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
		06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
		13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
		20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
		27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling





			<p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p>	<p>GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.</p> <p>AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.</p> <p>AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.</p> <p>YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward</p> <p>PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2</p> <p>PM noted that he was meeting with James Bailey later that day. PM needed to understand the final quote and the payment mechanism. A PMI would be issued in due course to confirm the way forward re YCF and YCF 2.</p> <p>PM advised that he had met with James Bailey. PM had emailed YCF CE and was awaiting confirmation of approval to proceed re proposals and payment mechanism. GW noted that confirmation was needed asap as would become critical soon. It was noted that BCM were not progressing anything re YCF2 at this time. PM agreed to email MMacleod requesting an update. PM advised the he was awaiting clarity from YCF re payment mechanism. JB enquired if there was anything stopping BMCL getting the YCF1 CE. PM noted that there was nothing stopping BMCL getting the CE for YCF1. GW to liaise with SF.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013</p> <p>24/05/2013</p> <p>06/06/2013</p> <p>13/06/2013</p> <p>20/06/2013</p>	<p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p>	

			<p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p>	<p>AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.</p> <p>DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p> <p>AS/DH and AK will walkround the proposed area on Friday 19th July and report back</p> <p>AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p>DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</p> <p>DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&amp;E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.</p>	
2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>01/08/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p>PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</p>	

			08/08/2013	GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013	
			04/07/2013	GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.	
			11/07/2013	Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed hat AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL	
			17/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
			08/08/2013	DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 9 <sup>th</sup> September and the cost information will follow as soon as possible thereafter.	
2065	PMI 229	Surgical Image Viewing - Theatres (20 adults, 9 children's)	03/07/2013	The Board confirm their previous verbal request, following detailed discussions with MEL and Starkstrom, for a cost to provide a "future proofed" multi-input interface, to be positioned beside or within the surgeon's panel (please advise if configuration of surgeon's panel to accommodate this, is feasible), to allow the selection and transmission of video images from multiple outlets to the video monitor/s supported on the light anchorage and mounted on the surgical pendant (children's hospital only). This to include all associated cabling, outlets/connections, monitor input selector panel and any hardware. The monitor inputs discussed with Starkstrom are as follows - from;	Cross Ref PMI 246 which cancels this PMI.

			<p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p>	<p>camera in theatre light, PACS image, endoscopic camera system and an auxiliary input (any video output signal from medical device eg. Microscope, flexible endoscopic system, mobile X-ray etc). Cost of required video converters to be included, a minimum of one per theatre. Please also supply a separate cost of a single video converter as additional units are likely to be needed.</p> <p>GW advised that he had liaised with both Brendan and Ross the previous day. Brendan was aware and info awaited from Starkstrom. AS enquired if there would be any change to the panel ADB code and DH advised that the description could be updated to include. GW and DH to discuss way forward re ADB code. DS advised that it would be beneficial to change the ADB code on the Nightingale drawings. DH advised that the multi-input interface should be incorporated onto the panels therefore there was no major impact on the Nightingale drawings.</p> <p>GW noted that Mercury to progress with Starkstrom for the 29 theatres. Final iteration of surgeons panels should not be delayed and the addition of the multi-input interface discussions should run parallel to allow contractual progression. AS asked for a technical meeting in order to understand what is required and DP to arrange. DP/DH to review the status of the RDD</p> <p>Meeting is scheduled for 18/07 with BMCL and NHS to review the equipment and understand the issues before a meeting with Starkstrom on Monday 22/07/13</p> <p>It was noted that this item was now closed as the NHS had provided the quote. Cross ref PMI 209. AS raised concern that the Starkstrom Theatre package was flawed. DP advised that the theatre works however perhaps not how the clinicians want/desire it to work for how they want to use it. AS suggested that if this is an enhancement then it would need to be a CE. DP noted that the cost was with Mercury for review.</p> <p>DH advised that a meeting to discuss the arm had taken place the previous day – the arm needs to accommodate 5 cables. The arm comes apart therefore can lay the cables in to it. Mercury and Starkstrom reps confirmed the 5 cables to be carried. Is is the intention to cancel this PMI and reissue a PMI to confirm the way forward re PACS solution and cabling from the pendant to the monitor. Cabling – an equipment cost. Mercury and Starkstrom are clear what is required.</p> <p>DH advised that a joint meeting had been held, the way forward had been agreed. Mercury &amp; Starkstrom to confirm that cables fit into the proposed arm. DH had been advised that the arm was onsite however no-one had seen it. Once DH had reviewed then a PMI would be issues confirming way forward.</p>	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	<p>08/07/2013</p> <p>10/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p>	<p>The Board confirm change to sink specification.</p> <p>Sample sink reviewed on site confirmed okay, revised proposal for tap required from BMCL</p> <p>This was not a change to the type of tap but the same tap with a longer spout</p> <p>PM advised that he would review this on site at the first opportunity</p> <p>PM noted that he was still to be asked to review the longer spout taps on site and he would liaise with P Norton.</p> <p>DS advised that he had emailed PM further to discussion with CGrindlay. The proposals would be provided for review to PM asap. A few alternatives had been identified. Noted that alternatives include mixer taps and the NHS would need to check if mixer taps were acceptable.</p>	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	<p>22/07/2013</p> <p>25/07/2013</p>	<p>The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)</p> <p>DH noted that there had been a query re additional heat load and he suggested that DWilson</p>	

			01/08/2013  08/08/2013	should discuss this with FCarnie. Noted that costs have to be provided. Position of cabinet to be confirmed however understood that the room can accommodate the cabinet.  Awaiting finalization of cabinets – have a de-installation cost as 1 already fitted in the adults. FCarnie is identifying what to do with the 2 cabinets to be replaced. DH will arrange for the cabinets to be uplifted. DR noted that confirmation needed to be provided to BMCL asap. DH suggested that the cabinets could be relocated to the NCH Comms room in place of those which were still to be delivered to site and the NHS would confirm where to re-direct 2 of the still to be delivered cabinets.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013    25/07/2013 01/08/2013 08/08/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users DMF advised that he was awaiting the cost info. DMF agreed to chase this up. DH confirmed that load/weight. GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.	

## COMPENSATION EVENTS

### NONE

#### Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Dieselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Dieselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013. (25/08/2013) **Noted that DP had met with IP and AGS to progress. Another meeting had been scheduled on 15/08 to progress (08/08/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the



commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) **It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).(01/08/2013) **DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013)**
- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) **Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) **GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013)**
- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overclad. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) **DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013)**





- 7) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review 0 looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) **It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013)**
- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) **DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013)**
- 9) Delay to BMCL Fire road drainage connection as Maternity foul onto Hardgate Road is backing up. AK had contacted the Scottish Water rep to resolve. AS advised that if BMCL were not getting a response that he would be happy to assist. DH noted that although it was a Project problem it could become a public health problem if not dealt with in a timeous manner. (25/07/2013 AK advised that he was awaiting SW to visit to deal with the issue. BMCL are checking the manholes regularly. AK may advise AGS to carry out the Board works whilst the SW drainage issue is being resolved. BMCL will have 1 more attempt to push the SW drainage works and if they don't get a positive response then will escalate this. (08/08/2013) **AK advised that SW had been out the previous night jetting with 2 tankers (thought this was the 2<sup>nd</sup> time they had been out). BMCL will check the manholes to see if any improvement. BMCL will need to check out the size of the drain as a SW operative had suggested it may be a 450mm drain. AK was liaising with AGS re progressing the Board works. (08/08/2013)**
- 10) SGH Retained Estate Demolitions – PM noted that he would review the drawing provided by AK and add in dates, etc. PM was working on the basis of the BMCL Stage 3a works commencing August 2015. (08/08/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 21/08/2013:

<div style="float: right; text-align: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.</p> <p>05/04/2012 GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>12/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>31/05/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>27/06/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>05/07/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>02/08/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>16/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>23/08/12 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>30/08/2012 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>06/09/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>13/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>20/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>18/10/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>25/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>15/11/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>22/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected.</p> <p>29/11/2012 Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC.</p> <p>06/12/2012 Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

				<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>04/04/2013 Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>18/04/2013 DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>25/04/2013 DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>02/05/2013 JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>16/05/2013 GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>24/05/2013 JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>06/06/2013 Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>13/06/2013 DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>20/06/2013 AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>04/07/2103 It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>11/07/2013 Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>18/07/2013 WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p> <p>25/07/2013 DS advised that he had received the WSP summary report. DS enquired if the NHS wanted to send this to URS before WSP submit it to GCC. AS requested that the report be provided to NHS in the first instance. AS noted that Allee had met with GCC who had indicated that there is now no requirement to do the monitoring. AS advised that the NHS needed to understand if there is any other remediation on site as RC Calderwood needs risk update. DH advised that there was still the NCH Park and Stage 3a works. DS noted that this draws a line to the current monitoring and anything else would be dealt with as and when. JB noted that a negative CE would need to be issued. DR reported that as the billing was monthly there</p>
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			01/08/2013	was no need to pay. DS noted that need to take cognizance re BMCL protecting the project re downstream pollution claims. CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued.	
			08/08/2013	DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring.	
			15/08/2013	Response awaited from GCC	
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			12/04/2012	D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.	
			22/11/12	DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.	
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.	
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.	
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]	
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.	
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.	
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS	

			<p>24/01/2013</p> <p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p> <p>21/02/2013</p> <p>28/02/2013</p> <p>07/03/2013</p>	<p>noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.</p> <p>DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.</p> <p>DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.</p> <p>DH advised that items are being addressed.</p> <p>DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.</p> <p>Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p> <p>Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p> <p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p>	
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			<p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>14/03/2013 JB noted that BMCL will provide samples of the atrium panel as requested by the NHS. DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet. Ceiling heights – DH continuing to liaise with GW</p> <p>04/04/2013 DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc. DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>11/04/2013 DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p> <p>18/04/2013 DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>25/04/2013 DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p> <p>02/05/2013 DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.</p> <p>16/05/2013 DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.</p> <p>24/05/2013 DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.</p> <p>06/06/2013 DH advised that:</p>	
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			<p>13/06/2013</p> <p>20/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p>	<ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul> <p>DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.</p> <p>PM advised that the workflow report from the 18<sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.</p> <p>DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.</p> <p>DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.</p> <p>PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p> <p>DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vaccum plant information is awaited from MEL/HPI</p> <p>Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays</p> <p>DH reported on the items noted to be outstanding on the RDD tracker</p> <p>Roof level lighting protection and metal composite panel cladding new additions to RDD</p> <p>2 JTCs returned on Wednesday</p> <p>2 JTCs under review</p> <p>Group 1 – catheter cupboard omitted and PMI is drafted</p> <p>Minor equipment – Electrical, pharmacy cabinet and renal water are WIP</p> <p>Audiometry acoustic report is with users for feedback</p> <p>Medical Air and Vacuum plant info required from BMCL</p>	
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			25/07/2013	<p>Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked</p> <p>DH provided the following update:</p> <p>Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments.</p> <p>Desk locations – reprints were to be requested</p> <p>JTC – wip and would be returned asap</p> <p>Audiometry – comments to be provided back by the end of the week.</p>	
			01/08/2013	<p>DH noted that he had reviewed the tracker the previous night and provided the following update:</p> <p>The first few dates appeared to be incorrect</p> <p>Lead lining drawings returned 29/07/2013</p> <p>MRI Breakout – to be returned later that day</p> <p>Bedhead trunking – to be returned later that day</p> <p>JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided)</p> <p>Minor Equipment schedule – WIP</p> <p>Medical Air Vacuum – awaiting info from DP (schematics)</p> <p>Renal water – with DP</p>	
			08/08/2013	<p>Desk locations – reprints awaited.</p> <p>Internal finishes – SF trying to locate these – may request reprints.</p> <p>Interventional – information returned</p> <p>Pharmacy – BMCL instructed to fit the out cabinet</p> <p>Minor Equipment – WIP</p> <p>Schedule of low voltage – information returned</p> <p>Metal composite cladding – hard copy never received as was wrong rev no</p> <p>Medical Air and Vacuum plant – awaiting schematic</p> <p>Rack – wip to conclude</p> <p>Safe – instructed PMI to confirm is to be a group 3 item</p> <p>1<sup>st</sup> floor plans – desk locations – with FW</p> <p>Renal water – returned as a B status – response from Elgar expected 08/08/2013</p> <p>GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p>	
			15/08/2013	<p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
18924	NHS EW 048	- CHILDREN'S HOSPITAL ROOM REH-037 MOULD ROOM	22/07/2013  01/08/2013  08/08/2013	<p>The Board advise that in reviewing door types in the NCH Rehab area, it has been found that the room usage and equipment contents of the Mould Room (REH-037) appear to have been overlooked when identifying fire hazard rooms. ADB code OVE1000 has 650 watt heat emitters and the process involves heating plastics. BMCE to review room categorisation and confirm requirements for both fire enclosure and services environment.</p> <p>DS advised that BMCL were looking at this and identifying if there is anything in design terms which needed to change however needed to know the equipment spec. DH agreed to provide the equipment spec</p> <p>DS advised that the drawings are being updated to reflect change – will be made a fire hazard room. BMCL are awaiting the oven info to conclude. DH suggested that the oven info had been provided and would check this out and re-provide.</p> <p>DH advised that he confirmation that the REH037 to be classified as a Fire Hazard room. JB advised that there was no impact to programme, design or defined cost. It was agreed this item could be closed.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 21/08/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	

			22/02/2013 06/03/2013 04/04/2013 11/04/2013 17/04/2013 25/04/2013 02/05/2013  16/05/2013 24/05/2013 06/06/2013 13/06/2013 20/06/2013 27/06/2013 04/07/2013 11/07/2013 18/07/2013 25/07/2013 01/08/2013 08/08/2013 15/08/2013	<p>AK reported end of March was the target date – AK will provide a firm date once known</p> <p>AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.</p> <p>DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks</p> <p>It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29<sup>th</sup> April 2013.</p> <p>DP noted that BMCL were awaiting on Siemens.</p> <p>It was noted that contractors are due in on Monday for final commissioning</p> <p>DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.</p> <p>DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.</p> <p>DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.</p> <p>AS noted that he had been advised that the engineer would be on site on the 17<sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.</p> <p>DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17<sup>th</sup> June 2013.</p> <p>DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.</p> <p>DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day</p> <p>PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.</p> <p>Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed</p> <p>DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion</p> <p>DP advised that the Siemens rep was due later that day</p> <p>DP to provide update by 05/08/2013. PM advised that he would get AGS to check out if operational.</p> <p>DMF noted that both Siemens and Schneider had visited the site. The issue was a controls issue. Reps will revisit that day to install new software. DH provided an overview of the process for installing the new software (delete, install ghost software, reload new software).</p> <p><b>DP advised that the filtration unit was now in use therefore this EW could be closed</b></p>	
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	

			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.
			21/02/2013	Progressing on programme
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.
			14/03/2013	AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported. AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.

			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.	
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.	
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement	
			18/07/2013	Instruction given to Mercury today and programme will be issued	
			25/07/2013	DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.	
			01/08/2013	PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013	
			08/08/2013	Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.	
			15/08/2013	DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.	
1952	PMI 214	YCF additions	10/05/2013	<p>Please find below (and attached) information in relation to the requirements for the Yorkhill Children's Foundation "added value" works</p> <p>I would be grateful if you could include these requests into the building and advise on the costs in order that the Board can bill the YCF accordingly</p> <ol style="list-style-type: none"> <li>1. Sky ceilings to be added in the following rooms: <ul style="list-style-type: none"> <li>• Child protection room CPS.004</li> <li>• ED majors staff base EMC.61</li> <li>• 2 dental rooms OPD.082 &amp; OPD.139</li> <li>• Plaster room OPD.073</li> <li>• Phlebotomy room OPD.193</li> <li>• Nuclear Medicine camera room RMN.033</li> <li>• Nuclear Medicine injection room RMN.027</li> <li>• Theatres holding areas THE.032, THE.033 &amp; THE.034</li> <li>• MRI rooms RCG.064 &amp; RCF.024</li> </ul> </li> <li>2. Sky box in <ul style="list-style-type: none"> <li>• Radiotherapy room in Schiehallion SCH.081</li> </ul> </li> <li>3. Pattressing on wall in wait area of Observation ward OBS.054</li> <li>4. Information on Snoozelen rooms DCFP. 050 &amp; GW3.050</li> <li>5. Information on Family Centre room ENT.028- in particular the glass front that is required</li> </ol>	
			16/05/2013	GW advised that BMCL were currently pricing the works up. PM confirmed that this is a pricing exercise only, at this point.	
			24/05/2013	GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.	
			06/06/2013	AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.	
			13/06/2013	GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.	

			20/06/2013	AS agreed to liaise with MMacleod. GW suggested that it would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.	
			27/06/2013	AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.	
			04/07/2013	AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.	
			11/07/2013	YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward	
			18/07/2013	PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2	
			25/07/2013	PM noted that he was meeting with James Bailey later that day. PM needed to understand the final quote and the payment mechanism. A PMI would be issued in due course to confirm the way forward re YCF and YCF 2.	
			01/08/2013	PM advised that he had met with James Bailey. PM had emailed YCF CE and was awaiting confirmation of approval to proceed re proposals and payment mechanism. GW noted that confirmation was needed asap as would become critical soon. It was noted that BCM were not progressing anything re YCF2 at this time. PM agreed to email MMacleod requesting an update.	
			08/08/2013	PM advised the he was awaiting clarity from YCF re payment mechanism. JB enquired if there was anything stopping BMCL getting the YCF1 CE. PM noted that there was nothing stopping BMCL getting the CE for YCF1. GW to liaise with SF.	
			15/08/2013	PM noted that confirmation was still awaited from SCardle. PM will take a view w/c 19/08 as to whether to split the YCF works into 2 CEs. PM requested that BMCL provide the drop dead date for the confirmation of the YCF2 works.	
1978	PMI 217	MTHW System - Site ring	22/05/2013	The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.	
			24/05/2013	The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc	
			06/06/2013	DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.	
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK	



			<p>20/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>25/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p> <p>15/08/2013</p>	<p>advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p> <p>AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.</p> <p>DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p> <p>AS/DH and AK will walkround the proposed area on Friday 19th July and report back</p> <p>AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p>DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</p> <p>DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&amp;E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.</p> <p>AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.</p>	
2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p>	

			04/07/2013	PM advised that he had received the quote. AS noted that DR would need to cross check the quote.	
			11/07/2013	DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued	
			18/07/2013	DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward	
			01/08/2013	PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.	
			08/08/2013	GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.	
			15/08/2013	DP advised that he was awaiting feedback from Mercury.	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013	
			04/07/2013	GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.	
			11/07/2013	Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL	
			17/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	



			25/07/2013 01/08/2013  08/08/2013  15/08/2013	PM advised that he would review this on site at the first opportunity PM noted that he was still to be asked to review the longer spout taps on site and he would liaise with P Norton. DS advised that he had emailed PM further to discussion with CGrindlay. The proposals would be provided for review to PM asap. A few alternatives had been identified. Noted that alternatives include mixer taps and the NHS would need to check if mixer taps were acceptable. PM advised that an alternative tap had been selected from within the BMCL cost range. BMCL were to provide a sample mock-up for review. As the tap has a longer spout then the Board's Infection Control will put in place a management process for using and maintaining these taps.	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013  25/07/2013 01/08/2013 08/08/2013  15/08/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)  DH noted that there had been a query re additional heat load and he suggested that DWilson should discuss this with FCarnie. Noted that costs have to be provided. Position of cabinet to be confirmed however understood that the room can accommodate the cabinet. Awaiting finalization of cabinets – have a de-installation cost as 1 already fitted in the adults. FCarnie is identifying what to do with the 2 cabinets to be replaced. DH will arrange for the cabinets to be uplifted. DR noted that confirmation needed to be provided to BMCL asap. DH suggested that the cabinets could be relocated to the NCH Comms room in place of those which were still to be delivered to site and the NHS would confirm where to re-direct 2 of the still to be delivered cabinets. DH to provide an update on return from leave.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013  25/07/2013 01/08/2013 08/08/2013  15/08/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users DMF advised that he was awaiting the cost info. DMF agreed to chase this up. DH confirmed that load/weight. GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height. DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have provided an RFI to BMCL requesting the exact requirements. There is a concern regarding the load.	
2163	PMI 245	A&C Hospitals - Equipment Codes SAF005, MSC1015, MSC1017	14/08/2013	The above items are to be transferred from Equipment Group 1 to Equipment Group 3.  The above equipment is to be omitted from the FF&E contract with JTC as per the attached schedule. In the case of SAF005 this was previously incorporated in the equipment list attached to CEN046. The other changes will be incorporated into the next update of the equipment list.	

2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	<p>The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol>	
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### COMPENSATION EVENTS

103466	CE 049	- Children's Hospital Yorkhill Children's Foundation Enhancement Works	21/08/2013	The Board confirm acceptance of the works specified in PMI 163 and 214 and instruct Brookfield Multiplex to proceed and incorporate YCF1 and YCF2 works into the project. Refer attachment for confirmation of YCF2 scope of works and updated cost. Please provide spec for the supply of original artwork for non standard sky ceilings to meet your programme.	Costs uploaded and accepted 2/08/2013
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## Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Dieselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Dieselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013. (25/08/2013) Noted that DP had met with IP and AGS to progress. Another meeting had been scheduled on 15/08 to progress (08/08/2013) **DP advised that a meeting with IP & AGS had been scheduled for later that day to progress (15/08/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by



cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed off the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) **DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).(01/08/2013) **DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013)**

- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) **Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) **DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legal are currently reviewing the legal info from AOS (15/08/2013)**
- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) **DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013)**
- 7) Radius kerb – JMurray/RNethery - DS will get this progressed (18/07/2013) DS advised that this was under review looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) **It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013) It was noted that a meeting with WSP had taken place on the 13<sup>th</sup> August and more detailed info re how the buses dock against the kerb is awaited from WSP. (15/08/2013)**
- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) **DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013)**
- 9) Delay to BMCL Fire road drainage connection as Maternity foul onto Hardgate Road is backing up. AK had contacted the Scottish Water rep to resolve. AS advised that if BMCL were not getting a response that he would be happy to assist. DH noted that although it was a Project problem it could become a public health problem if not dealt with in a timely manner. (25/07/2013) AK advised that he was awaiting SW to visit to deal with the issue. BMCL are checking the manholes regularly. AK may advise AGS to carry out the Board works whilst the SW drainage issue is being resolved. BMCL will have 1 more attempt to push the SW drainage works and if they don't get a positive response then will escalate this. (08/08/2013) AK advised that SW had been out the previous night jetting with 2 tankers (thought this was the 2<sup>nd</sup> time they had been out). BMCL will check the manholes to see if any improvement. BMCL will need to check out the size of the drain as a SW operative had suggested it may be a 450mm drain. AK was liaising with AGS re progressing the Board works. (08/08/2013) **AK advised that SW had been back out at the issue the previous day. AK been advised that it is a 450mm drain. AK would provide a sketch of what it is proposed to do. Meanwhile, AGS was commencing the tank removal works. (15/08/2013)**





- 10) SGH Retained Estate Demolitions – PM noted that he would review the drawing provided by AK and add in dates, etc. PM was working on the basis of the BMCL Stage 3a works commencing August 2015. (08/08/2013) PM noted that he had completed a series of drawings. An internal NHS review of the drawings would be commenced and thereafter would be provided to BMCL. PM anticipated that BMCL may be asked to take away OPD and Therapies buildings with the surgical demolitions. The Management Building and associated conglomerate of buildings would be a single demo package. The information will need to be presented to the ASSB in early September for approval.
- 11) Neuro cladding – noted that BMCL had taken the cladding package off but had been unable to carry-out an evasive survey as there appeared to be asbestos. DMF advised that BMCL would raise an EW regarding this and would provide pictures of the recent survey to the NHS. AK noted that PMcGuinness was suggesting that the full bay may need to be taken out, not just the single room. PM advised that it was be difficult to provide a full bay as all the rooms were in use. AK noted that BMCL could assist an Asbestos Surveyor with a cherry picker. (15/08/2013)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 28/08/2013:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>11/08/2011</p> <p>22/09/2011</p> <p>06/10/2011</p> <p>10/11/2011</p> <p>01/12/2011</p> <p>08/12/2011</p> <p>26/01/2012</p> <p>09/02/2012</p> <p>22/02/2012</p> <p>01/03/2012</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that an SI would be undertaken when area becomes available.</p> <p>Agreed that extent of hotspot will be investigated once Biochemistry demolished</p> <p>On-going</p> <p>BMCL requested to provide confirmation of reprogramming of Biochemistry</p> <p>AK will respond formally by email to AS</p> <p>AK has responded formally to AS re reprogramming of Biochemistry. AS confirmed acceptance of the 3 months.</p> <p>JB enquired if AK had spoken to PM re intrusive survey. PM advised that he had a brief discussion. JB enquired who would be instructing the survey works as BMCL cannot do whilst the building is in NHS possession. DH requested a backstop date from BMCL so can work programme back and identify when surveys required to be done. AS reported that the BMCL date was 8<sup>th</sup> October 2012. PM advised that it was jointly agreed to prepare a programme. JB advised he would confirm the BMCL date. PM advised that the NHS would get the services works tendered. It was agreed that it was the Board's responsibility to provide the survey information.</p> <p>JB reported that the date for handover was understood and that BMCL had been advised that H McDerment had commissioned the survey works.</p> <p>PM advised that information would be provided when available (Biochem)</p> <p>AS enquired whether the temp suds tank would be eventually used elsewhere on the site. GW advised that the suds tank was temp and sacrificial. AS enquired if it could be redesigned for use in the future and GW confirmed it could not. DH enquired if there was potential to reduce the size of the pond and combine</p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p>

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			<p>08/03/2012 with a tank. GW advised that he had been advised that it could not. DP advised that he would get DS to organize a meeting to discuss with WSP on return from leave re mitigating permanent suds.</p> <p>05/04/2012 GW advised that it is assumed that all temp suds pond crates will be trashed however Dunnes will salvage and reuse crates where possible.</p> <p>12/04/2012 BMCL have instructed Dunnes to produce method statement.</p> <p>31/05/2012 A Seabourne confirmed that the Board will trace the gas pipe and will then discuss possibility of leaving pipe in current location with BMCL.</p> <p>27/06/2012 DS advised that final test can only be carried out once Biochemistry has been demolished.</p> <p>05/07/2012 Demolition access from 22<sup>nd</sup> August 2012</p> <p>02/08/2012 GW forwarded information from WSP on dewatering costs. Some discussion on the reason for the continuing costs and this requires to be resolved and agreed. AS will review information and get back to GW</p> <p>16/08/2012 Biochemistry site investigation works will be undertaken.</p> <p>23/08/12 BMCL confirmed that instruction has been issued to Hunter Demolition on basis of 28<sup>th</sup> August 2012 NHS date – NHS to confirm 28<sup>th</sup> August is ok</p> <p>30/08/2012 DS noted delineation has commenced – AS agreed to wrap in within the Bio-chem costs</p> <p>06/09/2012 BMCL to provide info to NHS if any decontamination found. Noted – areas not already touched – car park, children's park.</p> <p>13/09/2012 Demolition of biochemistry ongoing and expected to be complete by end of this week. BMCL will advise if any contamination identified. Results awaited re delineation.</p> <p>20/09/2012 Demolition works substantially complete – no issues raised thus far</p> <p>18/10/2012 DS advised that he had provided an update via email to AS. The delineation had been carried out. Further spot of decontamination identified in preliminary report. Further clarification/investigation has been requested. AKeeley and PMcGuinness have been advised of potential issue and will identify the way to do delineation. It is being suggested that further investigation may need to wait until surgical substation demolished. 2 potential issues identified a) hydrocarbons and b) asbestos. AS requested that wrap up CE be discussed with DR.</p> <p>25/10/2012 Lab results for biochemistry samples awaited. 2 CEs to be raised –costs to be provided by GW. GW to confirm wording of remedial works re hotspot delineation.</p> <p>15/11/2012 DS advised that he had received a further update and was seeking confirmation of the asbestos results. DS will provide info to NHS asap. AS enquired if it was still the intention that the SUDS liner would be put in. DS advised that there was a need to revisit requirement for putting in liner dependent on the results.</p> <p>22/11/2012 DS advised that latest report received which indicates increases in August to September however relatively low in magnitude – trend as expected.</p> <p>29/11/2012 Hotspots – asbestos fibres – BMCL considering best way to formulate an argument to close out asbestos issue. DS will provide a copy of the argument to NHS in advance of submitting to GCC.</p> <p>06/12/2012 Ash – appears to extend all the way round – DS will discuss with AS how much further round to delineate. DS will discuss with AK and WSP the way forward.</p> <p>DS noted he was waiting for a report on the extent of work. AS agreed that SF will complete a compensation event for £5K</p> <p>DS advised that he had received the latest response from WSP re current status. DS will liaise with WSP re asbestos info and amending the report so that options can be left open. DS noted that this was a stage 3A issue.</p> <p>DS advised that a revised report is expected that day. He had spoken to WSP who were going to provide</p>
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			13/12/2012	an estimate of what needs to be dug out for AS by 07/12/2012 DP confirmed that status update being scheduled for the new year re all ground issues. AS suggested that the WSP report was slightly convoluted so he wanted to get an idea of the contamination and remedial works and worst case scenario so that the NHS can have a greater understanding of the risks. The report would have been easier to read if it had been in chronological order. Rather than provide comments on the report it was felt that a Q&A session would be beneficial. DS acknowledged that the report was difficult to read.
			20/12/2012	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had asked Anna Daley to attend this meeting. It was proposed that a plan of the site be put on the wall to assist the discussion.
			10/1/2013	DS confirmed that a meeting had been scheduled for 15/01/2013. AS advised that he had provided an expectation for the meeting. DS advised he had received the communication regarding AS expectation and understood.
			17/01/2013	DS noted that meeting the WSP held and presentation from meeting emailed to AS. The most recent results were awaited in a format which can be opened and once received DS would forward to AS. AS suggested that there was a lack of co-ordination between the works and WSP sampling and AS had asked URS for a comment. DH noted that the presentation suggested that a liner was required. AS advised that he needed URS to confirm their view regarding the need for a liner.
			24/01/2013	DS advised that he understood that AS has all the information and has sent to URS for a view on the WSP report/info. AS advised that he was expecting URS to provide a view of what needs to be done re ground contamination and whether a liner is required.
			31/01/2013	DS advised that BMCL were awaiting an update from URS. DH advised that he had chased URS for a response.
			07/02/2013	DH advised that a response from URS had been received and was under review by AS.
			14/02/2013	DH advised that he had provided a draft response for AS to review
			21/02/2013	DH responded on behalf of the Board to DS. GW noted that he was still anticipating a CE for extension of ¼ monitoring and hotspot monitoring.
			28/02/2013	GW advised that BMCL have carried out a review and a CE for the continued monitoring from May 12 to March 2013 is outstanding however a PMI has been provided. GW noted that the delineation CE was for the WSP works only and did not include for the Dunne's works i.e. digging holes. AS noted that a meeting with URS, WSP, BMCL and NHS would need to be arrange once the Feb report has been provided. DS advised that he had received the February report however there appeared to be a further spike which could be the result of a problem with the borehole as DS thought the results had been compromised. BMCL were looking to install a further borehole and once in and settled would take a result from this new borehole. DS noted that he was unsure what type of review GCC were carrying out on the borehole results. AS suggested that a further month's results should be obtained prior to having a joint meeting. DS advised that it would be good to see the results flat-lining before submitting to GCC. It was suggested that a joint meeting should be held mid April. AK advised that he proposed to install the new borehole in an area which was better protected within the same vicinity as the compromised borehole. BMCL will make a proposal to WSP regarding the location of the new borehole.
			07/03/2013	AK advised that he was awaiting a date from WSP re borehole rig coming on site. Confirmation awaited from WSP that current borehole is redundant and new location is suitable. Revised position is in the corner of the biochem site.
			14/03/2013	JB noted that BMCL had received a request for the order of costs for Stage 3A deferment.

				<p>JB noted that the cost for the attendance of Dunne to re-do the trench needed a CE. AS noted that this should form part of the wrap-up CE. AK noted that a rig to install the new bore hole was expected to be on site on 18<sup>th</sup> March 2013. AS advised that a meeting to discuss the borehole results was to be arranged with AS, PM, WSP and URS.</p> <p>GW noted that WSP would need to be instructed to carry out the monitoring for the additional month as monitoring due to stop March 2013.</p> <p>04/04/2013 Awaiting results from replacement borehole. DS had discussed spike with WSP and how to explain spike whilst retaining the results as a flatline i.e. broken borehole so spike result inconclusive. It was anticipated that the results from the Labs for the most recent test would be end of April.</p> <p>18/04/2013 DS advised that he had received a report from Matthew (WSP). In summary, the borehole results had dropped, diminished concentrates identified – DS clarifying the response. Quarterly monitoring needs to take place however the timing of the quarterly needs to be agreed. DS suggested the he could request that WSP write to GCC to advise that monitoring is reverting back to quarterly. AS agreed that WSP should write to GCC advising that results are consistent so reverting back to quarterly. DS raised concern that the piling may impact on future results.</p> <p>25/04/2013 DS has forwarded WSP report to AS and is awaiting his response to this</p> <p>02/05/2013 JB noted that GW has an environmental proposal document from WSP. GW advised that it was proposed to carry on the monthly monitoring to June. DH advised that WSP propose carrying out additional sampling in April and May and if everything ok then saying to GCC in June that it is proposed to discontinue the sampling. GW was requested to provide the cost for the additional monitoring (2 extra months)</p> <p>16/05/2013 GW to provide costs for April &amp; May testing. Next sampling expected w/c 20/05/2013</p> <p>24/05/2013 JB noted that BMCL were to provide the costs for the April and May water sampling to the NHS asap. AS noted that a wrap up meeting should be organized for early June 2013.</p> <p>06/06/2013 Noted that CE to be raised to BMCL to cover additional 2 months monitoring.</p> <p>13/06/2013 DS advised he was waiting on a date from WSP to do the wrap up before going to GCC. The results are expected soon. DS suggested discussing the costs with WSP. AS noted that the CE for the additional 2 months monitoring would be limited to the value of the previous compensation event.</p> <p>20/06/2013 AS noted that if GCC agree to the stopping of the ongoing monitoring then there will be a saving and AS proposed that the outstanding costs be wrapped up into 1 CE. It was agreed that a wrap up meeting should be scheduled between the 8<sup>th</sup> – 11<sup>th</sup> July 2013.</p> <p>04/07/2013 It was noted that the wrap-up meeting had been scheduled for 11<sup>th</sup> July 2013. AS advised that that the additional monitoring CE should be raised for BMCL (circa £7k exc of BMCL OHP and VAT)</p> <p>11/07/2013 Discussion scheduled for 2pm today – update at next meeting – CE to be raised by SF on return from A/L</p> <p>18/07/2013 WSP to prepare summary report recommending termination of monitoring for review prior to submission to Glasgow City Council – item to remain open until concluded</p> <p>25/07/2013 DS advised that he had received the WSP summary report. DS enquired if the NHS wanted to send this to URS before WSP submit it to GCC. AS requested that the report be provided to NHS in the first instance. AS noted that Allee had met with GCC who had indicated that there is now no requirement to do the monitoring. AS advised that the NHS needed to understand if there is any other remediation on site as RC Calderwood needs risk update. DH advised that there was still the NCH Park and Stage 3a works. DS noted that this draws a line to the current monitoring and anything else would be dealt with as and when. JB noted that a negative CE would need to be issued. DR reported that as the billing was monthly there</p>
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			<p>01/08/2013</p> <p>08/08/2013</p> <p>15/08/2013</p> <p>22/08/2013</p>	<p>was no need to pay. DS noted that need to take cognizance re BMCL protecting the project re downstream pollution claims.</p> <p>CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued.</p> <p>DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring.</p> <p>Response awaited from GCC</p> <p>DS noted that BMCL would continue to push GCC for a response</p>	
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p> <p>22/11/12</p> <p>29/11/2012</p> <p>06/12/2012</p> <p>13/12/2012</p> <p>20/12/2012</p> <p>10/01/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding.</p> <p>DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.</p> <p>DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.</p> <p>DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.</p> <p>DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&amp;B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review.</p> <p>GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected. DH suggested that the only items outstanding was the 1<sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]</p> <p>DH advised that he would pursue the return of the basement and restaurant drawings.</p> <p>DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.</p>	

			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.	
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.	
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.	
			07/02/2013	DH advised that items are being addressed.	
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.	
			21/02/2013	Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week	
			28/02/2013	Bedheads – a further meeting has been organised for next week – feedback thereafter DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues. NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS. Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet. Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.	
			07/03/213	NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of	

			<p>the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>14/03/2013 JB noted that BMCL will provide samples of the atrium panel as requested by the NHS. DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet. Ceiling heights – DH continuing to liaise with GW</p> <p>04/04/2013 DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc. DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>11/04/2013 DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p> <p>18/04/2013 DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>25/04/2013 DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p> <p>02/05/2013 DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.</p> <p>16/05/2013 DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.</p> <p>24/05/2013 DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.</p>	
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			06/06/2013	<p>DH advised that:</p> <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>	
			13/06/2013	<p>DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.</p>	
			20/06/2013	<p>PM advised that the workflow report from the 18<sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.</p>	
			27/06/2013	<p>DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.</p>	
			04/07/2013	<p>DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.</p> <p>PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p>	
			11/07/2013	<p>DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vaccum plant information is awaited from MEL/HPI</p> <p>Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays</p>	
			18/07/2013	<p>DH reported on the items noted to be outstanding on the RDD tracker</p> <p>Roof level lighting protection and metal composite panel cladding new additions to RDD</p> <p>2 JTCs returned on Wednesday</p> <p>2 JTCs under review</p> <p>Group 1 – catheter cupboard omitted and PMI is drafted</p> <p>Minor equipment – Electrical, pharmacy cabinet and renal water are WIP</p> <p>Audiometry acoustic report is with users for feedback</p>	

			<p>25/07/2013</p> <p>Medical Air and Vacuum plant info required from BMCL Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked DH provided the following update: Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments. Desk locations – reprints were to be requested JTC – wip and would be returned asap</p> <p>01/08/2013</p> <p>Audiometry – comments to be provided back by the end of the week. DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP</p> <p>08/08/2013</p> <p>Desk locations – reprints awaited. Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1st floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p> <p>15/08/2013</p> <p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>2/08/2013</p> <p>PM noted provided an update re the RDD Workflow report: Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL Desk locations – WIP by FW and he would try to push this on Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p>	
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NONE

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 28/08/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1223	PMI 178	New Laboratory Block - Membrane Filtration Unit	23/07/2012 02/08/2012 22/08/2012 30/08/2012 06/09/2012 13/09/2012 20/09/2012 04/10/2012 11/10/2012 18/10/2012 25/10/2012 08/11/2012 22/11/2012 29/11/2012 10/01/2013 17/01/2013 24/01/2013	<p>The Board requests that BMCL install a membrane filtration unit for town water to be run and cycled with the existing Memcor unit. Please provide drawn proposals for layout prior to install BMCL requested to confirm that spares had been fitted. BMCL to provide timescale for install of additional filtration unit.</p> <p>Proposal being put together and drawing plus detail to be forwarded to PM/HMcD for review final sign off will be IPowrie. AS ok'd order before check as delivery time was around 5-6 weeks but noted to raise the over capacity issue with the supplier and possibly down size</p> <p>AS advised current filtration compressor is too big. DP and AS have discussed. Mercury have been told that the kit is bought as a unit – if not right then needs to be corrected. JB suggested that the report does not accord with what is on site. AS – critical that the right compressor is purchased. DP advised that manufacturer verbally confirmed that the compressor is the correct size however formal written response awaited. DP had challenged the manufacturer re compressor sizing. JB noted that formal report re failure of 1<sup>st</sup> compressor is awaited. DP advised that delivery of new plant to site was WIP and he would chase on later that day.</p> <p>DP advised that he had got a written response from Memcor saying that the compressor was sized correctly. BMCL would now give proposal for further unit based on the current system.</p> <p>DP advised that proposal being prepared/finalized. AS asked DP to liaise with H McDerment. DP noted that it was currently not proposed to use Memcor on the A&amp;C.</p> <p>DP advised that he had received information from Memcor. DP had reviewed and submitted some queries back. Response to queries expected from Memcor 05/10/2012. DP would liaise with H McDerment/Estates thereafter.</p> <p>IP and HMc to review location of unit.</p> <p>JB noted that confirmation of delivery date awaited. AS advised that cost breakdown awaited.</p> <p>DP noted that BMCL would meet with HMc and Estates Reps to review what works needed to be done and the programme for the works.</p> <p>DP advised that delivery date for unit is now mid January. Works and programme discussed with Estates – all parties agreed to programme and works.</p> <p>Installation confirmed for 28<sup>th</sup> January 2013</p> <p>It was agreed to leave this EW on the sheet until the filtration unit has been installed – no change to the install date of 28/01/2013.</p> <p>DP advised that this was WIP – no issues to be raised at this time.</p> <p>AK noted this was WIP and he had a programme for the works (due to commence first week February 2013.)</p> <p>DP confirmed that the new date for the filtration unit installation is 22<sup>nd</sup> March 2013. AS confirmed that the spare compressor had been returned. JB suggested that the NHS arrange for the compressor to come back.</p>	

		22/02/2013	AK reported end of March was the target date – AK will provide a firm date once known
		06/03/2013	AK advised that DW was preparing a programme of the sequence of the works relative to the Memcor works. The programme would be provided to the NHS Team by cop 08/03/2013.
		04/04/2013	DP advised that the Unit is in position and commissioning due to commence w/c 16/04/2013. Expected that unit will become operational in circa 2 weeks
		11/04/2013	It was noted that the physical works were to be complete by cop 19/04/2013. BMCL were trying to organise for the Commissioning Engineer to attend site asap however Commissioning Engineer currently advising that he has no availability until 29 <sup>th</sup> April 2013.
		17/04/2013	DP noted that BMCL were awaiting on Siemens.
		25/04/2013	It was noted that contractors are due in on Monday for final commissioning
		02/05/2013	DP advised that the engineer had arrived on site however as he did not have the correct panel (panel needs to start the signal). DP was awaiting a timescale for when the engineer will return to resolve.
		16/05/2013	DP advised that he was awaiting confirmation of when the engineer will visit the site. AS advised that he would be happy to contact Siemens to push this on. DP advised that he had asked Mercury to check whether they had paid the final bill.
		24/05/2013	DP advised that he had been advised that Siemens were having an internal meeting and he had received nothing from Siemens. AS advised that he had contacted Siemens and he was told that the current request had never previously been asked for.
		06/06/2013	AS noted that he had been advised that the engineer would be on site on the 17 <sup>th</sup> June. DP advised that BMCL were awaiting confirmation of when the engineer will be on site. DP noted that the unit has a minor leak on it and he had told Mercury to get this sorted.
		13/06/2013	DP advised that the leak had been attended to – it was the intention to get Siemens to replace any parts as necessary. Siemens due to commence on site on 17 <sup>th</sup> June 2013.
		20/06/2013	DP noted that Siemens was on site from today (20/06/2013) and it was anticipated that the works should be completed over the weekend.
		27/06/2013	DP noted that Siemens had completed their works and Schneider were currently on site to finish the control logic and it was anticipated that it would be operational by later that day
		04/07/2013	PM advised that he understood that the unit had been commissioned however there had been an issue re condensation drip. AK advised that an update would be provided asap.
		11/07/2013	Clarity on whether commissioned – Original issue of drip from casing has been resolved. AS will clarify with AGS if all completed
		18/07/2013	DP reported a malfunction after start and commissioning. A service engineer to visit to remedy. No timescale given for completion
		25/07/2013	DP advised that the Siemens rep was due later that day
		01/08/2013	DP to provide update by 05/08/2013. PM advised that he would get AGS to check out if operational.
		08/08/2013	DMF noted that both Siemens and Schneider had visited the site. The issue was a controls issue. Reps will revisit that day to install new software. DH provided an overview of the process for installing the new software (delete, install ghost software, reload new software).
		15/08/2013	DP advised that the filtration unit was now in use therefore this EW could be closed
		22/08/2013	PM to confirm with AGSmith as thought unit not in full operation as yet.

1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.
			21/02/2013	Progressing on programme
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.
				AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that

			<p>20/06/2013 27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013 25/07/2013</p> <p>01/08/2013 08/08/2013</p> <p>15/08/2013</p>	<p>they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>Agreed way forward – BMCL to plan and implement</p> <p>Instruction given to Mercury today and programme will be issued</p> <p>DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p>	
1952	PMI 214	YCF additions	<p>10/05/2013</p> <p>16/05/2013</p> <p>24/05/2013</p>	<p>Please find below (and attached) information in relation to the requirements for the Yorkhill Children's Foundation "added value" works</p> <p>I would be grateful if you could include these requests into the building and advise on the costs in order that the Board can bill the YCF accordingly</p> <ol style="list-style-type: none"> <li>1. Sky ceilings to be added in the following rooms: <ul style="list-style-type: none"> <li>• Child protection room CPS.004</li> <li>• ED majors staff base EMC.61</li> <li>• 2 dental rooms OPD.082 &amp; OPD.139</li> <li>• Plaster room OPD.073</li> <li>• Phlebotomy room OPD.193</li> <li>• Nuclear Medicine camera room RMN.033</li> <li>• Nuclear Medicine injection room RMN.027</li> <li>• Theatres holding areas THE.032, THE.033 &amp; THE.034</li> <li>• MRI rooms RCG.064 &amp; RCF.024</li> </ul> </li> <li>2. Sky box in <ul style="list-style-type: none"> <li>• Radiotherapy room in Schiehallion SCH.081</li> </ul> </li> <li>3. Pattressing on wall in wait area of Observation ward OBS.054</li> <li>4. Information on Snoozelen rooms DCFP. 050 &amp; GW3.050</li> <li>5. Information on Family Centre room ENT.028- in particular the glass front that is required</li> </ol> <p>GW advised that BMCL were currently pricing the works up. PM confirmed that this is a pricing exercise only, at this point.</p> <p>GW advised that BMCL were currently pricing the proposal. DH advised that he had met with GB the previous week to discuss the BMCL queries. DH noted that there is nothing basically hard/fixed to be moved i.e. radiators.</p>	21/08/2013

			<p>06/06/2013 AS advised that AS needed to advise the NHS ASSB that he had instructed but that the Yorkhill budget needs to be transferred in.</p> <p>13/06/2013 GW noted that nightingale cost received the previous night. AS agreed to provide to MMacleod.</p> <p>20/06/2013 AS agreed to liaise with MMacleod. GW suggested that if would be useful if the NHS could identify if any of these areas are critical. AS reported that he would wrap these additions with the Science Centre works. GW advised that the Science Centre had requested assistance from nightingales and WSP to write the briefing document and asked how AS wanted to proceed. AS requested that GW provide a copy of the request to AS. AS noted that a CEN would be provided once change approved by the NHS Board. BMCL to continue to progress.</p> <p>27/06/2013 AS noted that the cost provided included the sky ceilings. MMacleod was meeting with Shona Cardle on 26/06/2013 to discuss. DS noted that the Science Centre had approached WSP for assistance and they propose to provide a fee quote for the works. DH advised that it was important that nothing impacted on the Fire Strategy for the building. DS advised that KHamill would provide the spec if the fee quote were to be accepted.</p> <p>04/07/2013 AS requested that MMacleod be emailed to request that she confirm to GW, DS, AS and PM the way forward.</p> <p>11/07/2013 YCF 1 agreed YCF 2 to be agreed but not yet determined. Once YCF2 agreed CE to be raised Family Centre – Fire compartment wall was to be temporary but YCF want to fit permanent wall and door – further meeting required to clarify way forward</p> <p>18/07/2013 PMI will be raised for YCF 2 and to confirm YCF1 payment Thereafter CE issue for 1 and 2</p> <p>25/07/2013 PM noted that he was meeting with James Bailey later that day. PM needed to understand the final quote and the payment mechanism. A PMI would be issued in due course to confirm the way forward re YCF and YCF 2.</p> <p>01/08/2013 PM advised that he had met with James Bailey. PM had emailed YCF CE and was awaiting confirmation of approval to proceed re proposals and payment mechanism. GW noted that confirmation was needed asap as would become critical soon. It was noted that BCM were not progressing anything re YCF2 at this time. PM agreed to email MMacleod requesting an update.</p> <p>08/08/2013 PM advised the he was awaiting clarity from YCF re payment mechanism. JB enquired if there was anything stopping BMCL getting the YCF1 CE. PM noted that there was nothing stopping BMCL getting the CE for YCF1. GW to liaise with SF.</p> <p>15/08/2013 PM noted that confirmation was still awaited from SCardle. PM will take a view w/c 19/08 as to whether to split the YCF works into 2 CEs. PM requested that BMCL provide the drop dead date for the confirmation of the YCF2 works.</p> <p>22/08/2013 Cross reference CE 049 – item closed</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence</p>	



			06/06/2013	works to install the duct w/c 27/05/2013. AK would have to review level differences, etc DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.

2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p> <p>15/08/2013</p> <p>22/08/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p>PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</p> <p>GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.</p> <p>DP advised that he was awaiting feedback from Mercury.</p> <p>DP confirmed that a 4gb pc was being provided. DP requested the provision of the free issue kit so that this could be provided to Starkstrom – is a neater job if fitted at the factory. PM agreed to liaise with EMc.</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013</p> <p>04/07/2013</p> <p>11/07/2013</p>	<p>Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p> <p>Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed hat AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL</p>	

			17/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
			08/08/2013	DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30 <sup>th</sup> September and the cost information will follow as soon as possible thereafter.	
			15/08/2013	DMF advised that it was proposed to provide the drawings to the NHS by 9 <sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for.	
2081	PMI 232	Adult and Childrens Hospitals Sit-in sinks	08/07/2013	The Board confirm change to sink specification.	22/08/2013
			10/07/2013	Sample sink reviewed on site confirmed okay, revised proposal for tap required from BMCL	
			18/07/2013	This was not a change to the type of tap but the same tap with a longer spout	
			25/07/2013	PM advised that he would review this on site at the first opportunity	
			01/08/2013	PM noted that he was still to be asked to review the longer spout taps on site and he would liaise with P Norton.	
			08/08/2013	DS advised that he had emailed PM further to discussion with CGrindlay. The proposals would be provided for review to PM asap. A few alternatives had been identified. Noted that alternatives include mixer taps and the NHS would need to check if mixer taps were acceptable.	
			15/08/2013	PM advised that an alternative tap had been selected from within the BMCL cost range. BMCL were to provide a sample mock-up for review. As the tap has a longer spout then the Board's Infection Control will put in place a management process for using and maintaining these taps.	
			22/08/2013	PM advised that sample reviewed and signed-off therefore this PMI could be closed.	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)	
			25/07/2013	DH noted that there had been a query re additional heat load and he suggested that DWilson should discuss this with FCarnie.	
			01/08/2013	Noted that costs have to be provided. Position of cabinet to be confirmed however understood that the room can accommodate the cabinet.	
			08/08/2013	Awaiting finalization of cabinets – have a de-installation cost as 1 already fitted in the adults. FCarnie is identifying what to do with the 2 cabinets to be replaced. DH will arrange for the cabinets to be uplifted. DR noted that confirmation needed to be provided to BMCL asap. DH suggested that the cabinets could be relocated to the NCH Comms room in place of those which were still to be delivered to site and the NHS would confirm where to re-direct 2 of the still to be delivered cabinets.	
			15/08/2013	DH to provide an update on return from leave.	
			22/08/2013	GW suggested that DH had provided this info before going on a/l	

2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013  25/07/2013 01/08/2013 08/08/2013  15/08/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users DMF advised that he was awaiting the cost info. DMF agreed to chase this up. DH confirmed that load/weight. GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height. <b>DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).</b>	
2163	PMI 245	A&C Hospitals - Equipment Codes SAF005, MSC1015, MSC1017	14/08/2013  22/08/2013	The above items are to be transferred from Equipment Group 1 to Equipment Group 3.  The above equipment is to be omitted from the FF&E contract with JTC as per the attached schedule. In the case of SAF005 this was previously incorporated in the equipment list attached to CEN046. The other changes will be incorporated into the next update of the equipment list. <b>Agreed item to be closed as is an equipment list change</b>	22/08/2013
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.  The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows: 1. In the 20no Adult Theatres a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters). c) 1 x SDI cable - proposed for auxiliary SDI input d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm. f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) & c) above.  2. In the 9no Children's Theatres a) All as above, plus	

			<p>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</p> <p>3. As an option, to replace the above in 4no children's theatres with:</p> <p>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</p> <p>22/08/2013 DMF noted that BMCL were working through the detail of this PMI.</p>	
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## COMPENSATION EVENTS

NONE

### Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013. (25/08/2013) Noted that DP had met with IP and AGS to progress. Another meeting had been scheduled on 15/08 to progress (08/08/2013) **DP advised that a meeting with IP & AGS had been scheduled for later that day to progress (15/08/2013) DP noted that DP, AGS and IP are all in agreement re way forward. A paper would be provided to formalize the agreement via DMF as a BMCL EW. (22/08/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would



happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013) DP noted that he had received info from FW the previous evening and will review asap. Formal confirmation from Mercury re pressure valves awaited. (22/08/2013)

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).(01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) **SF noted that meeting with RNethery and JMiller organised (22/08/2013)**
- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) **DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS ( 15/08/2013) **PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013)**



- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) PM advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) **DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013)**
- 7) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013) It was noted that a meeting with WSP had taken place on the 13<sup>th</sup> August and more detailed info re how the buses dock against the kerb is awaited from WSP. (15/08/2013) **PM advised that he had met with JMurray and DCampbell and PM was awaiting more detailed info re how the buses dock against the kerb (22/08/2013)**
- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013) **JB advised that he had written to PM re insurability. PM advised that a response had been provided – BMCL to progress on basis of DH schedule. JB noted that BMCL would continue to progress the quote. (22/08/2013)**
- 9) Delay to BMCL Fire road drainage connection as Maternity foul onto Hardgate Road is backing up. AK had contacted the Scottish Water rep to resolve. AS advised that if BMCL were not getting a response that he would be happy to assist. DH noted that although it was a Project problem it could become a public health problem if not dealt with in a timely manner. (25/07/2013) AK advised that he was awaiting SW to visit to deal with the issue. BMCL are checking the manholes regularly. AK may advise AGS to carry out the Board works whilst the SW drainage issue is being resolved. BMCL will have 1 more attempt to push the SW drainage works and if they don't get a positive response then will escalate this. (08/08/2013) AK advised that SW had been out the previous night jetting with 2 tankers (thought this was the 2<sup>nd</sup> time they had been out). BMCL will check the manholes to see if any improvement. BMCL will need to check out the size of the drain as a SW operative had suggested it may be a 450mm drain. AK was liaising with AGS re progressing the Board works. (08/08/2013) AK advised that SW had been back out at the issue the previous day. AK been advised that it is a 450mm drain. AK would provide a sketch of what it is proposed to do. Meanwhile, AGS was commencing the tank removal works. (15/08/2013) **AK noted that the tanks were being pumped out the previous day – a second tanker had been required. The tanks were to be removed on 24/08 and the slab was to be taken away thereafter (22/08/2013).**
- 10) Neuro cladding – noted that BMCL had taken the cladding package off but had been unable to carry-out an evasive survey as there appeared to be asbestos. DMF advised that BMCL would raise an EW regarding this and would provide pictures of the recent survey to the NHS. AK noted that PMcGuinness was suggesting that the full bay may need to be taken out, not just the single room. PM advised that it was difficult to provide a full bay as all the rooms were in use. AK noted that BMCL could assist an Asbestos Surveyor with a cherry picker. (15/08/2013) **DMF noted that this item would be raised as an EW. AK noted that he would look at this when the asbestos rep visits site. AK indicated that BMCL will need to take 2 bays of cladding panels off. There was also concern re the canopy which appears to be attached to the main beam. PM advised that he had commissioned a piece of work to look at the potential of overcladding Neuro. (22/08/2013)**
- 11) VIE – AK noted that it looked like this would have to be piled. JB noted that an EW would be raised in due course. (22/08/2013)
- 12) Pendant details – anaesthetic machines – DP suggested that Starkstrom were saying that it was not possible to fit as the load is too heavy DP can request Starkstrom formal confirmation from Starkstrom if required. PM agreed to get a briefing from the NHS reps and liaise with DP. (22/08/2013).





**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 04/09/2013:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
8145	BMCL-EW-045	Liner to SUDS Pond	<p>05/11/2010</p> <p>01/08/2013</p> <p>08/08/2013</p> <p>15/08/2013</p> <p>22/08/2013</p>	<p>As a result of site investigations there may be a requirement for an impermeable liner to the SUDS feature within the main park. DR to provide queries from URS and advise Board. NHS require SI info re SUDS pond. DR confirmed that SI did not cover the SUDS pond area due to the location being under existing buildings and operational areas prior to the works commencing. DS meeting with WSP on 11/02 and checking if sufficient info in existence re suds pond. AS reported that he will request URS to check out the WSP info. The client needs the opportunity to organize information. DS reported that the amended highlight report covering gas, water and contamination would be provided to the NHS team. High level report received by BMCL. Ongoing. DS to advise if liner or membrane required. DS advised that the report identified gas in the main build area however not of a level to be an issue and there would be no requirement to tank. Information was being submitted to GCC. Ongoing, subject to further investigation at a later date. DS highlighted separate planning app was submitted re linkage of Labs drainage to burn if Labs were ever stand alone building – 7 conditions were attached to permission. DS has now written to Planners to advise BMCL do not intend to evoke these conditions as drainage will ultimately link to SUDS. Plan for temporary drainage – once excavated will gain an understanding of the permanent requirements. DS advised that the report had been provided to GCC and formal feedback awaited.</p> <p>CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued.</p> <p>DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring.</p> <p>Response awaited from GCC</p> <p><b>DS noted that BMCL would continue to push GCC for a response</b></p>	<p>Work in progress.</p> <p>Not at apt point to undertake investigation</p> <p><i>Notes from 11/08/2011 to 01/08/2013 removed</i></p>
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>12/04/2012</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding.</p> <p>DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>D Hall advised item ongoing, prioritization exercise between NHS and BMCL has been carried out. Will update on programme for return. RCP had first meeting (pre RDD), awaiting updated drawings for RDD</p>	

			<p>meeting, principles have been set for updated drawings. DS, GW and DH to meet to discuss drawings and identify level of risk in tender info package.</p> <p>22/11/12 DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.</p> <p>29/11/2012 DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.</p> <p>06/12/2012 DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&amp;B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review.</p> <p>13/12/2012 GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected. DH suggested that the only items outstanding was the 1<sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]</p> <p>20/12/2012 DH advised that he would pursue the return of the basement and restaurant drawings.</p> <p>10/01/2013 DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.</p> <p>17/01/2013 DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.</p> <p>24/01/2013 DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.</p> <p>31/01/2013 DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.</p> <p>07/02/2013 DH advised that items are being addressed.</p> <p>14/02/2013 DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a</p>	
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			<p>later date. DH advised that FW and DH were progressing those drawings that were required soonest by BMCL.</p> <p>21/02/2013 Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward</p> <p>Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week</p> <p>28/02/2013 Bedheads – a further meeting has been organised for next week – feedback thereafter</p> <p>DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues.</p> <p>NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS.</p> <p>Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.</p> <p>Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM.</p> <p>07/03/213 NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided.</p> <p>Bedheads – FW had just been provided with the spreadsheet</p> <p>Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.</p> <p>14/03/2013 JB noted that BMCL will provide samples of the atrium panel as requested by the NHS.</p> <p>DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet.</p> <p>Ceiling heights – DH continuing to liaise with GW</p> <p>DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.</p> <p>04/04/2013 DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.</p> <p>DH noted that the return date issue (RDD tracker versus front sheet) had been resolved.</p> <p>11/04/2013 DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation &amp; signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.</p>	
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A51679245	18/04/2013	DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns. It was noted that BMCL were meeting with Elgar on 24 <sup>th</sup> April and thereafter will bring in the NHS Renal Reps.
	25/04/2013	DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue
	02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.
	16/05/2013	DH noted hat the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.
	24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.
	06/06/2013	DH advised that: <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>
	13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.
	20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> june had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.
	27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by

			<p>04/07/2013</p> <p>PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to the car park to the end of the NCH park.</p> <p>DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself.</p> <p>PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p> <p>11/07/2013</p> <p>DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vacuum plant information is awaited from MEL/HPI</p> <p>Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays</p> <p>18/07/2013</p> <p>DH reported on the items noted to be outstanding on the RDD tracker</p> <p>Roof level lighting protection and metal composite panel cladding new additions to RDD</p> <p>2 JTCs returned on Wednesday</p> <p>2 JTCs under review</p> <p>Group 1 – catheter cupboard omitted and PMI is drafted</p> <p>Minor equipment – Electrical, pharmacy cabinet and renal water are WIP</p> <p>Audiometry acoustic report is with users for feedback</p> <p>Medical Air and Vacuum plant info required from BMCL</p> <p>25/07/2013</p> <p>Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked</p> <p>DH provided the following update:</p> <p>Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments.</p> <p>Desk locations – reprints were to be requested</p> <p>JTC – wip and would be returned asap</p> <p>Audiometry – comments to be provided back by the end of the week.</p> <p>01/08/2013</p> <p>DH noted that he had reviewed the tracker the previous night and provided the following update:</p> <p>The first few dates appeared to be incorrect</p> <p>Lead lining drawings returned 29/07/2013</p> <p>MRI Breakout – to be returned later that day</p> <p>Bedhead trunking – to be returned later that day</p> <p>JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided)</p> <p>Minor Equipment schedule – WIP</p> <p>Medical Air Vacuum – awaiting info from DP (schematics)</p> <p>Renal water – with DP</p> <p>Desk locations – reprints awaited.</p> <p>08/08/2013</p> <p>Internal finishes – SF trying to locate these – may request reprints.</p>	
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				<p>Interventional – information returned  Pharmacy – BMCL instructed to fit the out cabinet  Minor Equipment – WIP  Schedule of low voltage – information returned  Metal composite cladding – hard copy never received as was wrong rev no  Medical Air and Vacuum plant – awaiting schematic  Rack – wip to conclude  Safe – instructed PMI to confirm is to be a group 3 item  1<sup>st</sup> floor plans – desk locations – with FW  Renal water – returned as a B status – response from Elgar expected 08/08/2013  GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p> <p>15/08/2013  AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>22/08/2013  PM noted provided an update re the RDD Workflow report:  Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL  Desk locations – WIP by FW and he would try to push this on  Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>29/08/2013  DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 2 weeks to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been</li> </ul>	
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				provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.	
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NONE

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/09/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012 10/01/2013 17/01/2013 24/01/2013 31/01/2013 07/02/2013 14/02/2013 21/02/2013 28/02/2013 06/03/2013 14/03/2013 04/04/2013 11/04/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and</p>	

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			<p>17/04/2013 progress as necessary.</p> <p>25/04/2013 DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>02/05/2013 DP agreed to chase the proposal</p> <p>DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>15/08/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>06/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>13/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize</p>	

			<p>20/06/2013 the need to remove trees. AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p> <p>27/06/2013 AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>04/07/2013 AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9<sup>th</sup> July the way forward.</p> <p>11/07/2013 DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p> <p>18/07/2013 AS/DH and AK will walkround the proposed area on Friday 19<sup>th</sup> July and report back</p> <p>25/07/2013 AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p>01/08/2013 DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</p> <p>08/08/2013 DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&amp;E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.</p> <p>15/08/2013 AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.</p> <p>22/08/2013 PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.</p> <p>29/08/2013 DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.</p>	
2009	PMI 220	PACs screens and keyboards	<p>04/06/2013 The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of</p>	

			<p>06/06/2013 technical submittal MER-XX-SL-TS-175</p> <p>27/06/2013 DP noted that he had progressed this with mercury</p> <p>04/07/2013 GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>11/07/2013 DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>18/07/2013 DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p>01/08/2013 PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</p> <p>08/08/2013 GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.</p> <p>15/08/2013 DP advised that he was awaiting feedback from Mercury.</p> <p>22/08/2013 DP confirmed that a 4gb pc was being provided. DP requested the provision of the free issue kit so that this could be provided to Starkstrom – is a neater job if fitted at the factory. PM agreed to liaise with EMc</p> <p>29/08/2013 PM advised EM that DP wanted to liaise re the obtaining the free issue equipment..</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013 Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>04/07/2013 GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p> <p>11/07/2013 Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed hat AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL</p> <p>17/07/2013 Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&amp;E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.</p>	

			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
			08/08/2013	DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30 <sup>th</sup> September and the cost information will follow as soon as possible thereafter.	
			15/08/2013	DMF advised that it was proposed to provide the drawings to the NHS by 16 <sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for.	
			29/08/2013	PMM noted that the RDD pack was to be provided 16 September, the NHS would review and return to BMCL within 1 week. Cost info anticipated to be circa 13 <sup>th</sup> September 2013. DS noted that there were minor alterations being done to the Nightingale drawings.	
2114	PMI 236	Main Computer Rooms - Data Comms cabinets	22/07/2013	The Board request a cost to replace the NHS4 800 x 1000mm data comms cabinet in each main computer room (2no. in total) with a 800 x 1200mm data comms cabinet with the front door aligned with adjacent cabinets (200mm projection into aisle at rear)	29/08/2013
			25/07/2013	DH noted that there had been a query re additional heat load and he suggested that DWilson should discuss this with FCarnie.	
			01/08/2013	Noted that costs have to be provided. Position of cabinet to be confirmed however understood that the room can accommodate the cabinet.	
			08/08/2013	Awaiting finalization of cabinets – have a de-installation cost as 1 already fitted in the adults. FCarnie is identifying what to do with the 2 cabinets to be replaced. DH will arrange for the cabinets to be uplifted. DR noted that confirmation needed to be provided to BMCL asap. DH suggested that the cabinets could be relocated to the NCH Comms room in place of those which were still to be delivered to site and the NHS would confirm where to re-direct 2 of the still to be delivered cabinets.	
			15/08/2013	DH to provide an update on return from leave.	
			22/08/2013	GW suggested that DH had provided this info before going on a/l	
			29/08/2013	DH confirmed a previous communication i.e. redirect the 2 comms cabinets to the comms room in the labs. It was agreed this item could be closed.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users	
			25/07/2013	DMF advised that he was awaiting the cost info.	
			01/08/2013	DMF agreed to chase this up. DH confirmed that load/weight.	
			08/08/2013	GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.	
			15/08/2013	DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).	

			29/08/2013	DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.	
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	<p>The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol> <p>DMF noted that BMCL were working through the detail of this PMI.</p> <p>DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p>	
			22/08/2013 29/08/2013		

## COMPENSATION EVENTS

NONE

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### Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Deselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Deselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013. (25/08/2013) Noted that DP had met with IP and AGS to progress. Another meeting had been scheduled on 15/08 to progress (08/08/2013) **DP advised that a meeting with IP & AGS had been scheduled for later that day to progress (15/08/2013) DP noted that DP, AGS and IP are all in agreement re way forward. A paper would be provided to formalize the agreement via DMF as a BMCL EW. (22/08/2013) DH noted that he needed to understand the BMCL commissioning process and how to handle handing back the a-side (dependent of the programme there may be abortive works). It was agreed that a meeting should be organized to progress this. (29/08/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the



tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed off the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013) DP noted that he had received info from FW the previous evening and will review asap. Formal confirmation from Mercury re pressure valves awaited. (22/08/2013) **HD advised that he needed formal confirmation by cop 30/08/2013 re pressure valves. DH was trying to set-up a meeting with Bill McCormack (AP for the SGH site) w/c 2/09/2013 and he cannot progress this while formal confirmation is outstanding. (29/08/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals

(25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) **DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013)**

- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) **DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) **GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013)**
- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overclad. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013) **DS advised that a proposal was being progressed. (29/08/2013)**
- 7) Radius kerb – JMurray/RNethery - DS will get this progressed (18/07/2013) DS advised that this was under review 0 looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013) It was noted that a meeting with WSP had taken place on the 13<sup>th</sup> August and more detailed info re how the buses dock against the kerb is awaited from WSP. (15/08/2013) **PM advised that he had met with JMurray and DCampbell and PM was awaiting more detailed info re how the buses dock against the kerb (22/08/2013) RNethery progressing. PM suggested that he would raise this as an EW as it had to be moved forward. (29/08/2013)**

- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013) JB advised that he had written to PM re insurability. PM advised that a response had been provided – BMCL to progress on basis of DH schedule. JB noted that BMCL would continue to progress the quote. (22/08/2013) **It was noted that BMCL are chasing their insurers for a quote. (29/08/2013)**
- 9) VIE – AK noted that it looked like this would have to be piled. JB noted that an EW would be raised in due course. (22/08/2013) **AK noted that the design was awaited. BMCL were reviewing the area to identify how best to work in this area (29/08/2013)**
- 10) **85 point partition tests – failure due to missing insulation – NHS are concerned that this is still continuing as a 'check-point' was added to the QA procedures. AK agreed to investigate. (29/08/2013).**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 11/09/2013:

			22/11/12	and identify level of risk in tender info package. DS reported this has significantly improved. DR reported on behalf of DH that drawings were up to date. DS will catch up with DH to ensure that everything is updated and both sides are happy.
			29/11/2012	DH advised that he had reviewed the recently released RDD tracker. There was one group of drawings which had been returned as there is a drawing missing from the pack. The BMS spec is being dealt with through the tracker arrangement with DP. Basement and FM drawings will be reviewed asap as was awaiting the CDS info to be uploaded to Aconex which had just been done. PM would review the digital vinyl drawings and return asap.
			06/12/2012	DH advised that the return of drawings was almost up to date. DH noted that the recently issued tracker could not be opened by either C&B or NHS therefore this tracker had not yet been reviewed. DS provided DH with a hard copy of the tracker for review. GW advised that CDS have written an Early Warning to BMCL re recently returned drawings which have further amendments i.e. request for a 1hr fire door and a double sink however there was no drainage in the space. DS advised that he thought that FW may have asked for a door in liaison with KC which so happens to be a 1hr fire wall. DS suggested that GW would need to check if the wall is 1hr fire protected.
			13/12/2012	DH suggested that the only items outstanding was the 1 <sup>st</sup> floor restaurant and the basement and he would liaise with FW re returning these documents. There were also a couple of workflows which were being checked out. [DH was also checking out the outstanding RFI's re RPA however FW had advised that there were no outstanding RFIs]
			20/12/2012	DH advised that he would pursue the return of the basement and restaurant drawings.
			10/01/2013	DH advised that the Basement and Restaurant drawings had been returned and he did not think there was very much outstanding. DP noted that he would like the renal plant information returned asap.
			17/01/2013	DH advised that he had received the latest workflow report the previous night and would review asap. DS noted that there were circa 75 drawings outstanding. DH agreed to check the status of the renal drawings. It was noted that FW had provided a response to the RPA RFI the previous afternoon.
			24/01/2013	DH advised that the RDD Returns were pretty much up to date. The renal plant sign-off was WIP as Bill Fiskin is leaving. DH noted that there was 1 room in the stroke ward where a column moves the bedhead out. DH had spoken to GBurnett and GBurnett was liaising with Nightingale's to check this out.
			31/01/2013	DH advised that the Environmental drawings had all been returned. The medical service trunking drawings were being progressed through the workshops. There is 1 acoustic strategy drawing to be located. The desk drawings were currently under review.
			07/02/2013	DH advised that items are being addressed.
			14/02/2013	DH advised that items were continuing to be addressed. Key issues were a) acoustic drawing – DH was awaiting an Astin detail which GB had been trying to obtain for him, b) unistrut ceilings – DH had received the drawings 2 days previous and noted that he was aware the works were starting on Monday and he would review these drawings asap. DH advised that meetings with the modality users were being scheduled for the next few weeks in order that what/where unistrut is needed. GW advised that Mercury were advising that the amendments to the Unistrut drawings were changing the Mercury RCP therefore updated drawings would need to be prepared. DP noted that it was always known that the RCP would change and GW acknowledged that there was an allowance for contingency however was highlighting that Mercury will need to amend their drawings. DH advised that he did not expect to make savings but was trying to redistribute the costs. c) Renal – FW was progressing review/sign-off and return of these drawings. DP noted that BMCL would progress on the current basis and sort out the RDD changes at a later date. DH advised that FW and DH were progressing those drawings that were required soonest by

			21/02/2013	BMCL. Acoustic drawings returned, unistrut meeting taking place 21/02/13. Clarification required on stage Board thought 1 and 2 fix drawings AF thought 3 fix – needs clarity. Renal panels – drawings being reviewed – new users on groups due to retirement and would hope to have returned next week. DH asked for a discussion with Elgar for the new users be organised - JB will take forward Visuals on Atrium were reviewed by Board and in principal accepted – feedback will be forwarded to BMCL next week
			28/02/2013	Bedheads – a further meeting has been organised for next week – feedback thereafter DP advised that he has been through the report from FW re renal panels and it was proposed that BMCL would meet with FW to discuss. AS enquired if the new NHS rep was causing any issues. DH advised that the new rep was being managed and DP noted that the new rep primarily needed clarification. DH reported that the new rep needed to be brought up to date with the previous discussions/agreements which would resolve the current issues. NCH Atrium Visuals – it was noted that a meeting to go through the NCH Atrium proposals had taken place the previous day and a formal response to BMCL on these proposals would be provided by the NHS. Bedheads – it was noted that a further meeting to discuss bedheads had taken place. FW and Static are now working on a simplified spreadsheet.
			07/03/213	Post sweep-up changes – DS advised that he had spoken to GBurnett regarding the post sweep-up changes and that FW appeared to be moving items on wheels and sending drawings back as B status – DS proposed to ask GBurnett to discuss this with PM. NCH Visuals – PM had provided a response via Aconex to BMCL. PM advised requested that the detail of the recess of the timber be provided. Bedheads – FW had just been provided with the spreadsheet Post sweep up changes- GB had provided further drawings to the PM for review – changes were insignificant – PM had made comment to GB. JB noted the concern was how many goes did the Board need to get it right, Nightingales had been asked if the latest changes could be left until the as-built drawings are prepared and LE saying that this is not the correct thing to do. JB noted that the changes were being dealt with on site.
			14/03/2013	JB noted that BMCL will provide samples of the atrium panel as requested by the NHS. DH noted that he understood that Fwrath had returned the Static bedhead spreadsheet. Ceiling heights – DH continuing to liaise with GW DH noted that the RDD Tracker was showing different dates from the dates being advised on the RDD Signoff front sheets which accompanied the drawings, etc.
			04/04/2013	DS advised that there were no architectural drawings causing any great issue. DH advised that Renal drawings may potentially be delayed and that there was a meeting to be arranged with Elgar. DP agreed to progress with FW asap.
			11/04/2013	DH noted that the return date issue (RDD tracker versus front sheet) had been resolved. DH noted that he had undertaken a quick review of the latest tracker – desk locations, circulation & signage and internal finishes were WIP to return back. Key drawings were renal plant. DP noted that he had received a response back from Elgar and he would review this and provide to DH and FW asap however there was 1 statement in the document which DP was concerned with. DH noted that the document would need to be reviewed and a common position agreed.
			18/04/2013	DS noted that there was starting to be a bit of creep coming into the 1:50 drawing returns.

			25/04/2013	<p>It was noted that BMCL were meeting with Elgar on 24<sup>th</sup> April and thereafter will bring in the NHS Renal Reps.</p> <p>DH reported that Elgar meeting has taken place and was positive. The next stage was to meet with users in the next week or so. DS reported that there were still outstanding RDD to be returned and DH noted that FW has been working through these this week. DS noted that there were 130 drawings 3 weeks overdue</p>	
			02/05/2013	DH advised that a further meeting was to be arranged. DH to push getting the arrangements. DH to check if physics reps have done the spec. DH noted that Starkstrom lights and pendants would be discussed in a joint meeting scheduled for later that day.	
			16/05/2013	DH noted that the Lig light RDD had been returned to document control and the pendant RDD would be provided later that day. DS requested that the outstanding 'sweep-up' RDD be returned asap. DH noted that there had been a dip in the sweep-up RDD return due to FW being focused on the group 5 information. JB and DS to discuss adding the VE changes (i.e. handrails) on to the strategy drawings then as-built rather than the 400 series dwgs.	
			24/05/2013	DH noted that the sweep-up information was being progressed and the group 5 floor information was being finalised for issue to BML. A meeting to progress the lights and pendants had taken place the previous day. DS noted that there were some items on the RDD tracker which were over 4 weeks late (circa 78) and some over 100 days late (circa 15) i.e. desk locations. AS requested that the desk location drawings be passed to HMc to progress asap. DS noted that BMCL needed the JCT info back asap and was advised that this would be returned early w/c 27/05/2013. GW enquired if any of the lig/pendant codes had changed which would require the equipment list to be updated and was informed that the hybrid had changed but that this used a project specific code.	
			06/06/2013	<p>DH advised that:</p> <ul style="list-style-type: none"> <li>the floor duct information had been provided to BMCL and a meeting to discuss had taken place. GW suggested that the floor recesses are deeper.</li> <li>the colposcopy pendant was the only pendant to be concluded</li> <li>Desk locations had been provided back to BMCL</li> <li>JCT info to be provided later that day as confirmed to DH by FW</li> <li>Final equipment list cost expected later that day</li> </ul>	
			13/06/2013	DH noted that the floor duct information was being reviewed. The colposcopy revised proposal was being costed by mercury. It was understood that the following information was to be returned to BMCL: Sit on sinks, JTC, lead penetration and dental chairs (FW had been awaiting a revised drawing re the dental chair). GW raised concern that BMCL had been waiting 4 weeks for approval re the dental chair, the spec had been changed and the proposals updated however BMCL had received the information as a C status. AS requested that BMCL liaise with PM and FW to resolve.	
			20/06/2013	PM advised that the workflow report from the 18 <sup>th</sup> June had been reviewed which identified there were circa 180 drawings to be returned. Of this 180 there were circa 93 with BMCL and 20 VIE related drawings with the NHS which required additional information to be provided to enable them to be reviewed. PM advised that it was intended that all the majority of the outstanding drawings would be returned back to BMCL by the end of the day however BMCL should advise which ones were most urgent.	
			27/06/2013	DH suggested that there were 8 items which were more than 1 day late. The renal water and acoustics RDD were to be returned later that week. AS noted that the WSP arrival space drawings were awaited by PM and DS agreed to progress this. PM advised that he needed a drawing which showed from the exit to	

			<p>04/07/2013</p> <p>the car park to the end of the NCH park. DH noted that attendance on site by Renal Water reps to review the renal panels had been scheduled. Comments had been provided back to CGrindlay re 3<sup>rd</sup> iteration of plant schedule. A meeting to conclude discussions with Elgar was being arranged for w/c 8/07/2013. DH noted that the outstanding queries related to connections not plant itself. PM advised he had received the arrival space drawing. Consideration was being given as to whether to raise an EW re the bus stop on the curve as SPT are concerned that they will be unable to dock a bus. DS advised that he thought that this query had been explained by WSP through the RCC process. DS agreed to arrange a meeting with WSP, PM and DH asap. DH provided an overview of the outstanding items i.e. safe and rack – omitted, recess vac – awaiting info from BMCL, JTC Drawings – to be returned 5/07/2013, lead screens – to be returned 05/07/2013, etc.</p> <p>11/07/2013</p> <p>DH noted the vast majority were now returned – Renal water meeting will take place on Friday 12/07/13. JTC return by end of week and vacuum plant information is awaited from MEL/HPI Medical Gas – agreement in principal – clarity around wording for alternative design solutions will be concluded following AE holidays</p> <p>18/07/2013</p> <p>DH reported on the items noted to be outstanding on the RDD tracker Roof level lighting protection and metal composite panel cladding new additions to RDD 2 JTCs returned on Wednesday 2 JTCs under review Group 1 – catheter cupboard omitted and PMI is drafted Minor equipment – Electrical, pharmacy cabinet and renal water are WIP Audiometry acoustic report is with users for feedback Medical Air and Vacuum plant info required from BMCL Critical Care desk locations and restaurant and atrium space locations are duplicates – to be checked</p> <p>25/07/2013</p> <p>DH provided the following update: Renal – site visit had taken place and the outstanding issues had been concluded with the exception of resilience which was awaiting the control panel proposal from Elgar to conclude (technical discussion). DH would return the RDD docs as a B status with comments. Desk locations – reprints were to be requested JTC – wip and would be returned asap Audiometry – comments to be provided back by the end of the week.</p> <p>01/08/2013</p> <p>DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.</p> <p>08/08/2013</p> <p>Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned</p>	
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				<p>Pharmacy – BMCL instructed to fit the out cabinet</p> <p>Minor Equipment – WIP</p> <p>Schedule of low voltage – information returned</p> <p>Metal composite cladding – hard copy never received as was wrong rev no</p> <p>Medical Air and Vacuum plant – awaiting schematic</p> <p>Rack – wip to conclude</p> <p>Safe – instructed PMI to confirm is to be a group 3 item</p> <p>1<sup>st</sup> floor plans – desk locations – with FW</p> <p>Renal water – returned as a B status – response from Elgar expected 08/08/2013</p> <p>GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p> <p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>15/08/2013</p> <p>22/08/2013</p> <p>PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>29/08/2013</p> <p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation</li> </ul>	
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			05/09/2013	and DH confirmed that a derogation would be provided as necessary. DH advised that there were no outstanding drawings of significance on the list.	
19183	BMCL-EWN-137	VIE Foundation Design	05/09/2013	Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.	
19236	BMCL-EWN-138	Modifications to take large gas meter/rig for main gas supply from Renfrew Road	09/09/2013	The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.  The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.  When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore installed.  The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/09/2013

NONE

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/09/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013  17/01/2013 24/01/2013  31/01/2013  07/02/2013 14/02/2013  21/02/2013 28/02/2013  06/03/2013  14/03/2013  04/04/2013  11/04/2013  17/04/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p>	

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			<p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>15/08/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p> <p>05/09/2013 DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>06/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>13/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize</p>	

			20/06/2013	the need to remove trees. AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9 <sup>th</sup> July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19 <sup>th</sup> July and report back	
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.	
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.	
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.	
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.	
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.	
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.	
			05/09/2013	DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.	

2009	PMI 220	PACs screens and keyboards	<p>04/06/2013</p> <p>06/06/2013</p> <p>27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013</p> <p>01/08/2013</p> <p>08/08/2013</p> <p>15/08/2013</p> <p>22/08/2013</p> <p>29/08/2013</p> <p>05/09/2013</p>	<p>The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>DP noted that he had progressed this with mercury</p> <p>GW noted that DMF was awaiting information from Mercury</p> <p>PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p>PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</p> <p>GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.</p> <p>DP advised that he was awaiting feedback from Mercury.</p> <p>DP confirmed that a 4gb pc was being provided. DP requested the provision of the free issue kit so that this could be provided to Starkstrom – is a neater job if fitted at the factory. PM agreed to liaise with EMc</p> <p>PM advised EM that DP wanted to liaise re the obtaining the free issue equipment</p> <p>DP advised he would liaise directly with EMcColl</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013</p> <p>04/07/2013</p> <p>11/07/2013</p>	<p>Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p> <p>Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was</p>	

			<p>17/07/2013 confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL</p> <p>25/07/2013 Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&amp;E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.</p> <p>01/08/2013 PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)</p> <p>08/08/2013 PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.</p> <p>15/08/2013 DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30<sup>th</sup> September and the cost information will follow as soon as possible thereafter.</p> <p>29/08/2013 DMF advised that it was proposed to provide the drawings to the NHS by 16<sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for.</p> <p>05/09/2013 PMM noted that the RDD pack was to be provided 16 September, the NHS would review and return to BMCL within 1 week. Cost info anticipated to be circa 13<sup>th</sup> September 2013. DS noted that there were minor alterations being done to the Nightingale drawings.</p> <p>DS noted that the Nightingale drawings may be available for providing to the NHS Team later that day and the WW drawings would be provided as soon as possible thereafter. DH noted that the Nightingale drawings were key to the sign-off and that the WW drawings could follow on it was expected that the WW would be co-ordinated with the Nightingale drawings.</p>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	<p>22/07/2013 In relation to TRA 8001, lighting tracks in MIL-010 &amp; MIL-006 the Board confirm the following:</p> <ul style="list-style-type: none"> <li>- ceiling height for these two rooms to be increased to 2800mm minimum</li> <li>- 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups</li> <li>- Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible</li> <li>- TRA8001 specification to be agreed with users</li> </ul> <p>25/07/2013 DMF advised that he was awaiting the cost info.</p> <p>01/08/2013 DMF agreed to chase this up. DH confirmed that load/weight.</p> <p>08/08/2013 GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.</p> <p>15/08/2013 DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).</p> <p>29/08/2013 DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.</p> <p>05/09/2013 DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.</p>	



2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	<p>The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol> <p>DMF noted that BMCL were working through the detail of this PMI. DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p> <p>DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team.</p>	
			22/08/2013 29/08/2013  05/09/2013		



NONE

## Other items that require discussion:

- 1) LV Step-ups – DP advised that he would be putting forward a proposal to remove 2 LV Step-ups (benefits i.e. using power un-necessarily and carbon savings). DP had initially discussed the proposal with ASmith. DH noted that the proposal appears reasonable. (10/01/2013) DP advised that he was trying to clarify the running costs. (17/01/2013) DP advised that he was awaiting costs from Dieselec and info re running costs. (24/01/2013) DP advised that he was awaiting information and would continue to progress (31/01/2013) DP advised this VE item was WIP. The LV step ups were for emergency purposes and to keep these in a ready state used power. BMCL had checked that in an emergency generators could be provided with transformer incorporated. The removal of 2 LV step-ups would provide a saving both in capital and energy costs. DP was awaiting transformer information from Schneider and awaiting written confirmation that generators can be provided with transformer (07/02/2013) DP advised that he was awaiting formal confirmation from both Aggreko and Dieselec that generators with LV steps are easy obtainable. (14/02/2013). Work in progress (21/02/2013) DP agreed to provide the proposal asap (14/03/2013). DP agreed to progress this (25/04/2013) DP advised that the proposal would be available before the next EW meeting (16/05/2013) DP advised that the information had been provided to the NHS via Sypro?. DP had run through the proposal with ASmith who had thought it was a good idea. DH enquired if the proposal included the spec for the generator with transformer so that the ease of obtaining this could be investigated. (24/05/2013) DP advised that he had obtained further information however he was just awaiting a couple of queries to be answered before providing to the NHS and that he would run through the proposal with AS in due course. (20/06/2013) DP agreed to present the LV step up proposal at the meeting on 28<sup>th</sup> June 2013. (27/06/2013). Tutorial set up for completeness AGS/IP happy with set up – DP to arrange tutorial (10/07/2013) DP agreed to forward write up to PM who will then check with AGS and IP for their comments (18/07/2013) DP advised that information would be ready for review in mid August 2013. (25/08/2013) Noted that DP had met with IP and AGS to progress. Another meeting had been scheduled on 15/08 to progress (08/08/2013) DP advised that a meeting with IP & AGS had been scheduled for later that day to progress (15/08/2013) DP noted that DP, AGS and IP are all in agreement re way forward. A paper would be provided to formalize the agreement via DMF as a BMCL EW. (22/08/2013) DH noted that he needed to understand the BMCL commissioning process and how to handle handing back the a-side (dependent of the programme there may be abortive works). It was agreed that a meeting should be organized to progress this. (29/08/2013) **DP advised that he had met with NHS Reps and a position had been agreed. DP advised that he would provide a write-up of the meeting. DH enquired about the timing of the A-side handover. DP reported that BMCL had no imminent need to have the A-side handed back. (05/09/2013)**
- 2) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as “Construction” drawings not RDD. (11/04/2013) AS confirmed that

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Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013) DP noted that he had received info from FW the previous evening and will review asap. Formal confirmation from Mercury re pressure valves awaited. (22/08/2013) **DH advised that he needed formal confirmation by cop 30/08/2013 re pressure valves. DH was trying to set-up a meeting with Bill McCormack (AP for the SGH site) w/c 2/09/2013 and he cannot progress this while formal confirmation is outstanding. (29/08/2013)**

- 3) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if

shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jams therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) **GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013)**

- 4) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**
- 5) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) **GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013)**
- 6) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013) DS advised that

a proposal was being progressed. (29/08/2013) DS advised that this would be discussed in the BMCL design team meeting later that day and an update would be provided w/c 09/09/2013. (05/09/2013)

- 7) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review 0 looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013) It was noted that a meeting with WSP had taken place on the 13<sup>th</sup> August and more detailed info re how the buses dock against the kerb is awaited from WSP. (15/08/2013) PM advised that he had met with JMurray and DCampbell and PM was awaiting more detailed info re how the buses dock against the kerb (22/08/2013) RNethery progressing. PM suggested that he would raise this as an EW as it had to be moved forward. (29/08/2013) DS advised that the NHS Have a drawing which shows is compliant. DH suggested that he did not think that the design was complaint and he had a meeting with DCampbell later that day to discuss. (05/09/2013)
- 8) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013) JB advised that he had written to PM re insurability. PM advised that a response had been provided – BMCL to progress on basis of DH schedule. JB noted that BMCL would continue to progress the quote. (22/08/2013) It was noted that BMCL are chasing their insurers for a quote. (29/08/2013) DH advised that he had received the insurance quote and was awaiting the T&C info. DL advised that C&B would be requested to check that the quote provides value for money in the market place. DH noted that it would not be possible to provide a list of all the items at this time and the info would need to be provided in batches, however the IT info could be provided now. DR suggested that an inventory should be able to be provided as it must be known what was being purchased, the inventory list should be provided on a worst case scenario basis. DH enquired if it would be possible to provide a list for the IT equipment now and provide the list for the other Group 5 equipment in October (group 5 installs wont be going in until March 2014. DL stressed that insurance coverage for the IT Equipment due to be installed in October was required asap. (05/09/2013)
- 9) VIE – AK noted that it looked like this would have to be piled. JB noted that an EW would be raised in due course. (22/08/2013) AK noted that the design was awaited. BMCL were reviewing the area to identify how best to work in this area (29/08/2013)
- 10) Building names/ward names – DP advised that BMCL will be starting to need with building/ward/helipad names and enquired about the NHS way forward/programme to provide name information. DL advised that the building/helipad naming was with RCalderwood. DH advised that the fire alarm naming had been carried out and the wards would have bedrooms named as 1 to circa 112. Wards will be named as A (Arran) and B (Bute) – HG has this information. DS enquired if this information had been provided to BMCL and DH suggested that it had. DS requested that building name(s) asap. (05/09/2013)




The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 18/09/2013:

			01/08/2013	<p>DH noted that he had reviewed the tracker the previous night and provided the following update:</p> <p>The first few dates appeared to be incorrect</p> <p>Lead lining drawings returned 29/07/2013</p> <p>MRI Breakout – to be returned later that day</p> <p>Bedhead trunking – to be returned later that day</p> <p>JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided)</p> <p>Minor Equipment schedule – WIP</p> <p>Medical Air Vacuum – awaiting info from DP (schematics)</p> <p>Renal water – with DP</p> <p>Desk locations – reprints awaited.</p>	
			08/08/2013	<p>Internal finishes – SF trying to locate these – may request reprints.</p> <p>Interventional – information returned</p> <p>Pharmacy – BMCL instructed to fit the out cabinet</p> <p>Minor Equipment – WIP</p> <p>Schedule of low voltage – information returned</p> <p>Metal composite cladding – hard copy never received as was wrong rev no</p> <p>Medical Air and Vacuum plant – awaiting schematic</p> <p>Rack – wip to conclude</p> <p>Safe – instructed PMI to confirm is to be a group 3 item</p> <p>1<sup>st</sup> floor plans – desk locations – with FW</p> <p>Renal water – returned as a B status – response from Elgar expected 08/08/2013</p> <p>GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p>	
			15/08/2013	<p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p>	
			22/08/2013	<p>PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p>	
			29/08/2013	<p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> </ul>	

			05/09/2013 12/09/2013	<ul style="list-style-type: none"> <li>Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul> <p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>Vacuum plant schematics – awaited. DP suggested that these had been included in the pack. DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</li> </ul> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
19183	BMCL-EWN-137	VIE Foundation Design	05/09/2013  12/09/2013	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p>	
19236	BMCL-EWN-A51679245	Modifications to take large	09/09/2013	The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The	

	138	gas meter/rig for main gas supply from Renfrew Road	12/09/2013	<p>current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.</p> <p>The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.</p> <p>When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore installed.</p> <p>The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.</p> <p>GW advised that he had instructed Mercury to resolve however there would be a cost incurred (Mercury &amp; Dunne). DH raised a query regarding the difference between the sketch and the pictures and GW agreed to check this out. DH enquired about the need for the excavation and DP advised that it is so that the pipe can be brought through. DP noted that the gas board will not provide the drawing until the meter has been purchased therefore this issue could not have been foreseen.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 18/09/2013

					
SypID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage.	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013	Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 18/09/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013  17/01/2013 24/01/2013  31/01/2013  07/02/2013 14/02/2013  21/02/2013 28/02/2013  06/03/2013  14/03/2013  04/04/2013  11/04/2013  17/04/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p>	

			<p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>15/08/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p> <p>05/09/2013 DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>06/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>13/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize</p>	

			20/06/2013	the need to remove trees. AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9 <sup>th</sup> July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19 <sup>th</sup> July and report back	
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.	
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.	
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.	
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.	
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.	
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.	
			05/09/2013	DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.	
			12/09/2013	PM advised that he had appointed C&B to carry out a feasibility study.	

2009	PMI 220	PACs screens and keyboards	<p>04/06/2013 The Board request that BMCL provide a cost for the supply and installation of PACs screens and keyboards to the Theatre Control panels. These items are currently group 2 but to allow factory installation by Starkstrom would be more appropriately Group 1. Each control panel will require 2 no 22" screens as previously agreed. Total no of panels PAN 053 = 27, PAN 052 = 2, therefore in total 29 no. The PACs display monitors and keyboards should be as per item 7.1 and 7.2 of technical submittal MER-XX-SL-TS-175</p> <p>06/06/2013 DP noted that he had progressed this with mercury</p> <p>27/06/2013 GW noted that DMF was awaiting information from Mercury</p> <p>04/07/2013 PM advised that he had received the quote. AS noted that DR would need to cross check the quote.</p> <p>11/07/2013 DH will obtain additional info on PC specification from BMCL to ensure all compatible. Thereafter a PMI will be issued</p> <p>18/07/2013 DH had passed over specification to IT to confirm OK. Once that is confirmed a CE will be issued via equipment list (group 3) change to grouping will be carried out via PMI – DH to take forward</p> <p>01/08/2013 PM confirmed that the PMI had been issued. There would be no CE as this was wrapped up in the equipment list. DH noted that the PC was to be a 4GB and not 2GB and this IS A mark-UP on the RDD.</p> <p>08/08/2013 GW advised that DP had raised concern that a pc based on the original spec from IT May already have been purchased. DP is checking what has been purchased.</p> <p>15/08/2013 DP advised that he was awaiting feedback from Mercury.</p> <p>22/08/2013 DP confirmed that a 4gb pc was being provided. DP requested the provision of the free issue kit so that this could be provided to Starkstrom – is a neater job if fitted at the factory. PM agreed to liaise with EMc</p> <p>29/08/2013 PM advised EM that DP wanted to liaise re the obtaining the free issue equipment</p> <p>05/09/2013 DP advised he would liaise directly with EMcColl</p> <p>12/09/2013 DP advised that he had liaised with EMcColl and this item could be closed.</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013 Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013</p> <p>04/07/2013 GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.</p>	

			11/07/2013	Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL.	
			17/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
			08/08/2013	DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30 <sup>th</sup> September and the cost information will follow as soon as possible thereafter.	
			15/08/2013	DMF advised that it was proposed to provide the drawings to the NHS by 16 <sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for.	
			29/08/2013	PM noted that the RDD pack was to be provided 16 September, the NHS would review and return to BMCL within 1 week. Cost info anticipated to be circa 13 <sup>th</sup> September 2013. DS noted that there were minor alterations being done to the Nightingale drawings.	
			05/09/2013	DS noted that the Nightingale drawings may be available for providing to the NHS Team later that day and the WW drawings would be provided as soon as possible thereafter. DH noted that the Nightingale drawings were key to the sign-off and that the WW drawings could follow on it was expected that the WW would be co-ordinated with the Nightingale drawings.	
			12/09/2013	PM advised that the NHS Had spent time the previous day going through the drawings.. the drawings had been provided back to GBurnett and GBurnett had been advised of minor comments/items. The Commercial exercise by BMCL was to be carried out. JB noted that the Mercury confirmation of costs were to be provided from BMCL. DH suggested that the equipment be left in but BMCL should advise on any implications regarding the equipment. GW suggested that the BMCL costs would be provided by 20 <sup>th</sup> Sept 2013 and JB advised that he would confirm the drop dead date for the NHS confirmation re way forward.	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users	
			25/07/2013	DMF advised that he was awaiting the cost info.	
			01/08/2013	DMF agreed to chase this up. DH confirmed that load/weight.	
			08/08/2013	GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.	

			15/08/2013	DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).	
			29/08/2013	DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.	
			05/09/2013	DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.	
			12/09/2013	DH advised that he had provided a response and further feedback and DP and DH would liaise to bottom out the requirements.	
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	<p>The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol>	
			22/08/2013	DMF noted that BMCL were working through the detail of this PMI.	



			29/08/2013 05/09/2013 12/09/2013	DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team. GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom.	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
2226	PMI 248	Equipment Group Change - 5no.RAC420 racks in PICU (ECMO).	16/09/2013	The Board confirms that the 5no RAC420 located in NCH-01-CCW-015_1 (Utility/clinical area support facilities) will be transferred from Equipment Group 1 to Group 3.	

## COMPENSATION EVENTS

**NONE**

### Other items that require discussion:

- 1) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for

the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as "Construction" drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013) DP noted that he had received info from FW the previous evening and will review asap. Formal confirmation from Mercury re pressure valves awaited. (22/08/2013) DH advised that he needed formal confirmation by cop 30/08/2013 re pressure valves. DH was trying to set-up a meeting with Bill McCormack (AP for the SGH site) w/c 2/09/2013 and he cannot progress this while formal confirmation is outstanding. (29/08/2013) **DP advised that he had not received formal correspondence re moving the pressure valves however this work had started on site. DH enquired if the NHS could see this and DP advised that the NHS could see the works. (12/09/2013)**

- 2) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a



response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jams therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) **DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips.**

- 3) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**
- 4) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. **(05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013)**

- 5) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) PM advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013) DS advised that a proposal was being progressed. (29/08/2013) **DS advised that this would be discussed in the BMCL design team meeting later that day and an update would be provided w/c 09/09/2013. (05/09/2013) DS advised that the proposals had been discussed internally and that he would try and get the info to the NHS in the next few weeks. (12/09/2013)**
- 6) Radius kerb – JMurray/BNethery - DS will get this progressed (18/07/2013) DS advised that this was under review looking to see if can slide round noting that SPT were part of the original sign-off for the RCC process (official consultee). Meeting to be organized and DS to provide dates (25/07/2013) It was noted that the meeting with WSP was being re-organised (01/08/2013) DS noted that RNethery would be organizing a meeting to progress. (08/08/2013) It was noted that a meeting with WSP had taken place on the 13<sup>th</sup> August and more detailed info re how the buses dock against the kerb is awaited from WSP. (15/08/2013) PM advised that he had met with JMurray and DCampbell and PM was awaiting more detailed info re how the buses dock against the kerb (22/08/2013) RNethery progressing. PM suggested that he would raise this as an EW as it had to be moved forward. (29/08/2013) DS advised that the NHS have a drawing which shows is compliant. DH suggested that he did not think that the design was complaint and he had a meeting with DCampbell later that day to discuss. (05/09/2013) **DH advised that he would be meeting with PM on 16/09/2013 to provide feedback and thereafter feedback would be provided to BMCL. (12/09/2013)**
- 7) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013) JB advised that he had written to PM re insurability. PM advised that a response had been provided – BMCL to progress on basis of DH schedule. JB noted that BMCL would continue to progress the quote. (22/08/2013) It was noted that BMCL are chasing their insurers for a quote. (29/08/2013) DH advised that he had received the insurance quote and was awaiting the T&C info. DL advised that C&B would be requested to check that the quote provides value for money in the market place. DH noted that it would not be possible to provide a list of all the items at this time and the info would need to be provided in batches, however the IT info could be provided now. DR suggested that an inventory should be able to be provided as it must be known what was being purchased, the inventory list should be provided on a worst case scenario basis. DH enquired if it would be possible to provide a list for the IT equipment now and provide the list for the other Group 5 equipment in October (group 5 installs wont be going in until March 2014. DL stressed that insurance coverage for the IT Equipment due to be installed in October was required asap. (05/09/2013) **PM advised that he had received the policy and associated docs – this would now be discussed with RCalderswood and feedback would be provided to BMCL asap thereafter. (12/09/2013)**
- 8) Building names/ward names – DP advised that BMCL will be starting to need with building/ward/helipad names and enquired about the NHS way forward/programme to provide name information. DL advised that the building/helipad naming was with RCalderswood. DH advised that the fire alarm naming had been carried out and the wards would have bedrooms named as 1 to circa 112. Public cores will be named as A (Arran) and B (Bute) – HG has this information. DS enquired if this information had been provided to BMCL and DH suggested that it had. DS requested that building name(s) asap. (05/09/2013) **PM advised that the name for the helipad had been confirmed as Southern General Hospital. DH advised that he understood the numbering info had been fed thro to BMCL. The door numbering/signage had been discussed with Nigel – it was proposed to use similar to what had been used on the Labs project. The door numbering/signage should be discussed with KC, HG, FM and MM. GW advised that the samples would be provided to the NHS asap – BMCL were not happy with the current samples. (12/09/2013)**
- 9) GW enquired about PMI 226 (Review if the door signage – LIG73) and DH advised that the ones installed should be left in. DH was requested to provide confirmation of leaving the installed ones in. DS enquired if the drawings needed to be updated and GW noted that the changes would be caught on the as-builts and that Mercury knew that they weren't to install anymore.
- 10) PMI re estates being cross charged for the cable works – query if this could be captured in the equipment list. GW noted that BMCL will write off the £1800. Item closed



The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 18/09/2013:

				returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.	
			22/08/2013	PM noted provided an update re the RDD Workflow report: Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL Desk locations – WIP by FW and he would try to push this on Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms	
			29/08/2013	DH advised that there were 12 items outstanding which would be worked through over the remained of the week. <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information</li> </ul>	

				<p>returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</p> <ul style="list-style-type: none"> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>	
		05/09/2013 12/09/2013		<p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
		19/09/2013		<p>PM provided the following update:</p> <p>Car Par –HMc will progress these</p> <p>3<sup>rd</sup> floor – FW to return by 23/09</p> <p>Fire Plans – DH to return by 23/09</p> <p>Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only</p> <p>Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.</p>	

				<p>Door Type schedule – HM progressing this</p> <p>Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.</p> <p>Medical Air &amp; Vacuum – with ISandford.</p>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013</p> <p>19/09/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p>	
19236	BMCL-EWN-138	Modifications to take large gas meter/rig for main gas supply from Renfrew Road	<p>09/09/2013</p> <p>12/09/2013</p> <p>19/09/2013</p>	<p>The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.</p> <p>The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.</p> <p>When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore installed.</p> <p>The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.</p> <p>GW advised that he had instructed Mercury to resolve however there would be a cost incurred (Mercury &amp; Dunne). DH raised a query regarding the difference between the sketch and the pictures and GW agreed to check this out. DH enquired about the need for the excavation and DP advised that it is so that the pipe can be brought through. DP noted that the gas board will not provide the drawing until the meter has been purchased therefore this issue could not have been foreseen.</p> <p>GW advised that BMCL had carried out work which was different from what anticipated – GW would liaise with DR. DP suggested that the slab would need to be extended to all 4 sides in order to get the governor, etc placed.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 18/09/2013

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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013  19/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013  19/09/2013	Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution. GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 18/09/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.	
				AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.	
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.	
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.	

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			<p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>15/08/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p> <p>05/09/2013 DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>19/09/2013 <b>DP noted that the final proposal was with IPowrie for agreement.</b></p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>06/06/2013 DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>13/06/2013 DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK</p>	

			20/06/2013	advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees. AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back	
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.	
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.	
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.	
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.	
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.	
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.	
			05/09/2013	DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.	
			12/09/2013	PM advised that he had appointed C&B to carry out a feasibility study.	
			19/09/2013	PM advised that the feasibility study was underway. It was anticipated that it would be circa 2	

weeks before the NHS received the report/info back.

2062	PMI 228	Change to NSGH Level 4 - hepa filtration	02/07/2013	Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013	
			04/07/2013	GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped.	
			11/07/2013	Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL	
			17/07/2013	Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion.	
			25/07/2013	PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms)	
			01/08/2013	PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise.	
			08/08/2013	DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30 <sup>th</sup> September and the cost information will follow as soon as possible thereafter.	
			15/08/2013	DMF advised that it was proposed to provide the drawings to the NHS by 16 <sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for.	
			29/08/2013	PM noted that the RDD pack was to be provided 16 September, the NHS would review and return to BMCL within 1 week. Cost info anticipated to be circa 13 <sup>th</sup> September 2013. DS noted that there were minor alterations being done to the Nightingale drawings.	
			05/09/2013	DS noted that the Nightingale drawings may be available for providing to the NHS Team later that	

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			12/09/2013	day and the WW drawings would be provided as soon as possible thereafter. DH noted that the Nightingale drawings were key to the sign-off and that the WW drawings could follow on it was expected that the WW would be co-ordinated with the Nightingale drawings.	
			19/09/2013	PM advised that the NHS Had spent time the previous day going through the drawings.. the drawings had been provided back to GBurnett and GBurnett had been advised of minor comments/items. The Commercial exercise by BMCL was to be carried out. JB noted that the Mercury confirmation of costs were to be provided from BMCL. DH suggested that the equipment be left in but BMCL should advise on any implications regarding the equipment. GW suggested that the BMCL costs would be provided by 20 <sup>th</sup> Sept 2013 and JB advised that he would confirm the drop dead date for the NHS confirmation re way forward. <b>M&amp;E – discussed within meeting and drawings marked up and given status (some were D status). GW noted that BMCL needed to double check the quote prepared by JBailey. DR requested that BMCL provide the quote to DR no later than cop 20/09/2013.</b>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users	
			25/07/2013	DMF advised that he was awaiting the cost info.	
			01/08/2013	DMF agreed to chase this up. DH confirmed that load/weight.	
			08/08/2013	GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.	
			15/08/2013	DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).	
			29/08/2013	DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.	
			05/09/2013	DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.	
			12/09/2013	DH advised that he had provided a response and further feedback and DP and DH would liaise to bottom out the requirements.	
			19/09/2013	<b>DP advised that CGrindley would meet with DH on return to the office. WIP</b>	
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.  The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows: 1. In the 20no Adult Theatres a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).	

			<p>c) 1 x SDI cable - proposed for auxiliary SDI input</p> <p>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</p> <p>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</p> <p>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</p> <p>2. In the 9no Children's Theatres</p> <p>a) All as above, plus</p> <p>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</p> <p>3. As an option, to replace the above in 4no children's theatres with:</p> <p>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</p> <p>22/08/2013 DMF noted that BMCL were working through the detail of this PMI.</p> <p>29/08/2013 DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p> <p>05/09/2013 DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team.</p> <p>12/09/2013 GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom.</p> <p>19/09/2013 <b>DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes.</b></p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	<p>16/09/2013 The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>19/09/2013 <b>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</b></p>	



2226	PMI 248	Equipment Group Change - 5no.RAC420 racks in PICU (ECMO).	16/09/2013	The Board confirms that the 5no RAC420 located in NCH-01-CCW-015_1 (Utility/clinical area support facilities) will be transferred from Equipment Group 1 to Group 3.	
2252	PMI 249	Adult and Children's Hospitals - Endoscopy Decontamination Suite	25/09/2013	<p>The Board confirm changes to rooms DCT-006 and DCT-010</p> <p>Due to the extended procurement process for endoscopy washers and the urgent requirement to progress the works in the above areas, the Board proposes to omit the following works from the main contract.</p> <p>1) Installation of 2 No. pass through hatches (HAT 1000) (hatches to be provided free issue).</p> <p>2) Internal partition providing sealed separation of DCT-006 and DCT-010 including openings for washers and pass through hatches. Note: this partition would be double walled to provide flush finish on both sides.</p> <p>In addition, the following works should be deferred until the washer procurement has been completed and final service connection details are available.</p> <p>3) Construction of a plinth to accommodate drainage.</p> <p>4) Installation of drainage including individual trapped wastes.</p> <p>5) Connection of extract ventilation from individual washers to wider ventilation system.</p> <p>In order to progress the remaining works, the ceiling and floor finishes should be progressed in accordance with the attached sketch, which confirms that vinyl should be continued under the proposed plinth. The 1200mm soffit constructed in moisture resistant plasterboard should be installed at the same level as the general ceiling with access maintained to the area above, via the adjacent ceiling for future ventilation/services connections.</p>	

## COMPENSATION EVENTS

**NONE**

### Other items that require discussion:

- 1) Medical Gas meeting – AS requested that FW attend this meeting. AS stressed that it was important that the Project Team and BMCL were as one in this meeting. Any issues are to be taken off the table. DP noted that he would liaise with DH re the meeting agenda and adds/omits. It was noted that a discussion re the commissioning process was wanted. (07/02/2013) It was agreed this item could be closed as the meetings had taken place (positive meeting). DH advised that he had asked for a programme of the commissioning tasks so that the NHS Team can discuss with Graeme Dunn. DP advised that he proposed to provide an indicative programme but noted that the NHS Team would need to be flexible. PM requested that the programme be provided that day. (14/02/2013). DH asked for fixed dates to be arranged in order to give witnesses time to arrange diaries – DP to take forward (21/02/2013) DP advised that BMCL would provide the first series of dates as fixed dates. BMCL would try to be as accommodating as possible. Any missed tests by NHS can be picked up during system tests/witnessing of full sectional tests. DH suggested that GD should also attend the full area testing. DH suggested that BMCL provide a w/c programme for the testing over the next 6 month then closer to the time BMCL can confirm the actual dates. DP advised that BMCL will always have done their pre-tests before GD witnesses the formal testing. AS noted that BMCL would be as flexible as possible regarding the testing but enquired what would happen if GD could not attend. DP advised that this would be ok as long as the test could still be carried out within the same week – if more than 1 week then there would be knock on issues as people are being stood out of the area for testing so if there is a delay then impact on operatives going back in to fit lights, etc. AS advised that the witness testing for the NHS would be going out to tender. DH advised that he was awaiting on drawings for the medical gases. DP advised that he had done the notes from the last

meeting and is awaiting the drawings so can issue out as a pack. (28/02/2013) DR noted that the NHS Tender document would be available later that day (14/03/2013) DP advised that he would issue the notes asap and will check for the final drawings. DP had 1 query awaiting response from FW. DH advised that the tender for the AE was due back 05/04/2013. PM noted that a meeting to discuss the compound was scheduled for later that day. (04/04/2013) DP advised that the drawings were with BMCL (received as a ZIP file) and the FW had answered a query. DH advised that the tender returns had been received 5<sup>th</sup> April 2013. Query responses had been provided to the reps tendering for the work. DH would prepare a report on the tender outcome. DP advised that the drawings will be provided as "Construction" drawings not RDD. (11/04/2013) AS confirmed that Hulley & Kirkwood had been awarded the medical gas validator contract. DP noted that the drawings were now all out with the NHS. DP had printed off a set for Ian Sandford and enquired if he could pass these directly to Ian Sandford. AS requested that the drawings be provided to SF for providing to ISandford. (17/04/2013). Hulleys meeting taken place and schematics to be forwarded to conclude design – DP to progress this. Hulleys planned to visit site next week for walkabout and any issues will be reverted back through EW as separate items. Atkins to sign off design and Hulleys will not revisit this as part of their work (25/04/2013) It was noted that the Medical Gas design is ongoing. (02/05/2013) DH advised that he was awaiting the outstanding schematic for sign-off by GDunne and as an aid for ISandford. DP advised that he was pursuing HPI for the information. DP acknowledged that the first response from HPI had been weak and he had discussed this with them and that this needed to be improved upon. DP advised that the spec on the tower units to add in the valve. The podium was complete. (16/05/2013) DH advised that the schematics were awaited so that the NHS could get sign-off by GDunne. The line valve details were needed so that this item could be closed out. DP advised that it was anticipated that the schematics would be available early w/c 27/05/2013. DP noted that he had met with HPI on 23/05/2013 and that he proposed that there should be a meeting with GDunne. (24/05/2013) DP noted that the schematic would be provided to DH by cop 11/006/2013. DH noted that GDunne was aware to expect the schematic from DH for sign-off (06/06/2013) DH advised that a meeting had been arranged to take place on 26<sup>th</sup> June. DP advised that he had 3 sets of schematics, calcs and meeting minutes (a set for each - Ian Sandford, Graeme Dunne, Lynn Morrison). The HPI response would also be discussed (13/06/2013) It was noted that a meeting to discuss the VIE installation had also been arranged to take place on 26<sup>th</sup> June 2013. AS suggested that Bill McCormack should be advised. DP advised that it was proposed to advise Bill McCormack as part of the familiarization (circa 6-8 months time) (20/06/2013) DP noted that there had been a good meeting on 26<sup>th</sup> June 2013. Discussion re Valves was positive. BMCL would need to alter some ground floor for fire compartmentation. AS noted that Bill McCormack would need to be taken through the plan. DP noted that the Dept valves were ok to be above the ceiling as otherwise a 2<sup>nd</sup> valve panel would be required and the pipe is too big. DH noted that the pressure switch was being brought back down into the panel so that it is easily accessible for testing. AS suggested that BMCL write up how had arrived at the current design and get GDunne and ISandford to agree. DH noted that there were only 2 derogations which was really good in relation to the scale of the medical gas system DH noted that 170 connected and 70 on standby was required. Racking for other small bottles/cylinders would be required. DP advised that the other small cylinders/bottles would need to be in a separate storage however this could be a cage. PM noted that the size of the VIE/bottle storage space. It was thought that there was a workable solution. PM agreed to provide the info to BMCL later that day. (27/06/2013). PM advised that he understood that the VIE/Bottle storage info was being reviewed by BMCL. DS noted that the planning application had been submitted and drawings were being updated. DH noted that sign-off of the design was awaited – outstanding query was in relation to BMCL confirming that the pressure switch will be brought down onto the AVSU panel. DH was drafting the 2 derogations. AS noted that after signed off then Bill McCormack needed to be advised of the system design and that the AE needed to be present at this meeting. AS enquired about cross connect at the top and DH advised that this had been included in GDunne's report which had been provided at the meeting. (04/07/2013) Design compliance wording will be forwarded to GDunne. HPI drawings to be reviewed by Board and BMCL through development and the design can be signed off (18/07/2013) DH advised that it was hoped to conclude the derogation wording with GDunne in the next few weeks and then this would be progressed with ISandford. DP advised that the zone D drawing had been revised with the AVSU amendments. Need to visit the site to look at the connections. AS advised that this should be done through HMc as the enabler but PM and DH needed to be kept in the loop. DH noted that ISandford signed of the medical gas and will be the person who confirms the design and informs Bill McCormack. JB enquired about the above ceiling sign-off and DH advised that he was awaiting confirmation that BMCL will be taking the pressure valves out of the above ceilings. (25/07/2013) DH noted that he was awaiting confirmation re the pressure valves being taken out of the ceiling (01/08/2013) It was noted that formal confirmation was awaited from Mercury re pressure valves – verbal confirmation received to date (08/08/2013) DP advised that he was awaiting formal confirmation from Mercury re pressure valves and would progress this (15/08/2013) DP noted that he had received info from FW the previous evening and will review asap. Formal confirmation from Mercury re pressure valves awaited. (22/08/2013) DH advised that he needed formal confirmation by cop 30/08/2013 re pressure valves. DH was trying to set-up a meeting with Bill McCormack (AP for the SGH site) w/c 2/09/2013 and he cannot progress this while formal confirmation is outstanding. (29/08/2013) DP advised that he had not received formal correspondence re moving the pressure valves however this work had started on site. DH enquired if the NHS could see this and DP advised that the NHS could see the works. (12/09/2013) **NHS to review the works on site (19/09/2013)**

- 2) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the



same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).(01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). **PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013)**

- 3) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**
- 4) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had

been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013)

- 5) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013) DS advised that a proposal was being progressed. (29/08/2013) DS advised that this would be discussed in the BMCL design team meeting later that day and an update would be provided w/c 09/09/2013. (05/09/2013) DS advised that the proposals had been discussed internally and that he would try and get the info to the NHS in the next few weeks. (12/09/2013)
- 6) Insurance – AS noted that the phased plan prepared by DH should be used and values put against so that this can be fed into GW for liaising with the BMCL insurer. Rounded figs to be used. DH noted that the cashflow was driving to put in as much equipment as possible early. AS suggested that the equipment dates re cashflow should be discussed with TC. DH noted that he had the IT costs for inclusion. DH noted that he had now received an estimate from John McGarrity and would provide all the info to BMCL by the end of the week (01/08/2013) DH advised that he had provided 2 alternative cashflows. GW advised that he had asked the insurer to concentrate on option 1. Anticipated that quote will be available in 2 weeks. (08/08/2013) DMF advised that it was hoped that the Insurer would have provided a quote by w/e 23/08/2013. (15/8/2013) JB advised that he had written to PM re insurability. PM advised that a response had been provided – BMCL to progress on basis of DH schedule. JB noted that BMCL would continue to progress the quote. (22/08/2013) It was noted that BMCL are chasing their insurers for a quote. (29/08/2013) DH advised that he had received the insurance quote and was awaiting the T&C info. DL advised that C&B would be requested to check that the quote provides value for money in the market place. DH noted that it would not be possible to provide a list of all the items at this time and the info would need to be provided in batches, however the IT info could be provided now. DR suggested that an inventory should be able to be provided as it must be known what was being purchased, the inventory list should be provided on a worst case scenario basis. DH enquired if it would be possible to provide a list for the IT equipment now and provide the list for the other Group 5 equipment in October (group 5 installs wont be going in until March 2014. DL stressed that insurance coverage for the IT Equipment due to be installed in October was required asap. (05/09/2013) PM advised that he had received the policy and associated docs – this would now be discussed with RCalderwood and feedback would be provided to BMCL asap thereafter. (12/09/2013)
- 7) Equipment List – GW noted that he had 1 outstanding response from Nightingale – received yesterday and is on manual change – due to staffing GW expected that the Equipment List could be provided to the NHS by 24/09/2013. PM noted that the deadline for receiving the equipment list needed to be 24/09/2013 as the Procurement Dept needed the list. This equipment list would be the 'line in the sand' list.

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 01/10/2013:


				returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.	
			22/08/2013	PM noted provided an update re the RDD Workflow report: Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL Desk locations – WIP by FW and he would try to push this on Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms	
			29/08/2013	DH advised that there were 12 items outstanding which would be worked through over the remained of the week. <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information</li> </ul>	

				<p>returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</p> <ul style="list-style-type: none"> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>	
		05/09/2013 12/09/2013		<p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
		19/09/2013		<p>PM provided the following update:</p> <p>Car Par –HMc will progress these</p> <p>3<sup>rd</sup> floor – FW to return by 23/09</p> <p>Fire Plans – DH to return by 23/09</p> <p>Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only</p> <p>Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.</p>	

			26/09/2013	<p>Door Type schedule – HM progressing this</p> <p>Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.</p> <p>Medical Air &amp; Vacuum – with ISandford.</p> <p>DH provided the following update:</p> <p>Medical Gas calcs – to be noted on register as 'For Info'</p> <p>Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds</p> <p>Car Park – info returned on 25/09</p> <p>Gillespies - info returned on 25/09</p> <p>Fire Design – WIP – will return by end of week</p> <p>Remaining drawings – to go back as D status and covered by a PMI</p>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevant – there may be a disconnect between the Design Team and Constructon team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined cost and that the NHS would not want to spend more money than needs to.</p>	
19236	BMCL-EWN-138	Modifications to take large gas meter/rig for main gas supply from Renfrew Road	09/09/2013	<p>The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.</p> <p>The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.</p> <p>When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore</p>	

			<p>installed.</p> <p>12/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p>	<p>The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.</p> <p>GW advised that he had instructed Mercury to resolve however there would be a cost incurred (Mercury &amp; Dunne). DH raised a query regarding the difference between the sketch and the pictures and GW agreed to check this out. DH enquired about the need for the excavation and DP advised that it is so that the pipe can be brought through. DP noted that the gas board will not provide the drawing until the meter has been purchased therefore this issue could not have been foreseen.</p> <p>GW advised that BMCL had carried out work which was different from what anticipated – GW would liaise with DR. DP suggested that the slab would need to be extended to all 4 sides in order to get the governor, etc placed.</p> <p>GW advised that he understood that the works are finished. GW accepted the query re cost for the works and suggested that the cost is circa £15k. DR suggested that £15k was expensive. DR and GW to liaise to resolve.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 01/10/2013

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p>	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p>	<p>Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.</p> <p>GW noted that RNetherery had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.</p> <p>DH advised that a pre-meeting was scheduled for the 10<sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.</p>	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 18/09/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.	
				AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report.	
				DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.	
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and	

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			<p>17/04/2013 progress as necessary.</p> <p>25/04/2013 DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>02/05/2013 DP agreed to chase the proposal</p> <p>16/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>24/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>06/06/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>13/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>20/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>27/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>04/07/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>11/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>18/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>25/07/2013 Agreed way forward – BMCL to plan and implement</p> <p>01/08/2013 Instruction given to Mercury today and programme will be issued</p> <p>08/08/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>15/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>05/09/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>19/09/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP.</p> <p>26/09/2013 Consideration was being given to carrying out the works over weekends.</p> <p>DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>DP noted that the final proposal was with IPowrie for agreement.</p> <p><b>GW noted this was WIP and he was unsure if DP had received a reply from IP</b></p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>24/05/2013 The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>06/06/2013 GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>DH noted that the principle re what is wanted and expected to be done next year. AS raised</p>	

				concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.
			05/09/2013	DH advised that he had a proposal to discuss with PM on return from leave and thereafter would

			<p>12/09/2013 19/09/2013  26/09/2013</p>	<p>discuss with BMCL. PM advised that he had appointed C&amp;B to carry out a feasibility study. PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back. DH advised that he will liaise with SMcKechnie on his return from leave (1<sup>st</sup> Oct 2013).</p>	
2062	PMI 228	Change to NSGH Level 4 - hepa filtration	<p>02/07/2013  04/07/2013  11/07/2013  17/07/2013  25/07/2013  01/08/2013  08/08/2013  15/08/2013  29/08/2013</p>	<p>Further to the drawings and information previously provided by Heather Griffin identifying changes to NSGH level 4 the Board request that: a) BMCL stop the fit out works in this area b) BMCL provide an assessment of the works already carried out in this area c) BMCL and NHS to develop the design detail utilizing the RDD process in order to come to a design within the £700k (inc OH&amp;P) as currently identified by BMCL. Initial design meetings with HGriffin can commence w/c 8th July 2013 GW noted that the £700k quoted in the PMI was incorrect as the current costing was £720k. AS advised that he had previously been advised that the cost was £700k and this cost had been submitted to the NHS Board. AS advised that he needed to know what works had been done and what works would now be required and that he would need Capita to check the works done to date. AS noted that there should be no extension to the programme. AS noted that the £700k is a target price as had asked for a maximum price. BMCL to liaise with HGriffin and PM to progress. DH acknowledged that the cost is an estimate as at this time don't know the desk locations, etc and that the design would be to £700k. DS agreed to arrange a meeting. DH enquired if BMCL had instructed the stopping of the nurse base desks (potentially reducing from 2 to 1). GW agreed to check that both on-site and off-site works had been stopped. Work has stopped on level 4 SW leg. BMCL reviewing best way to provide additional AHU capacity to additional beds; this may involve over sized AHU currently planned for plantroom 31, this would avoid disruption to level 12 plantroom and additional ducting between 4 and 12. It was confirmed that AHU have double fan motors. BMCL/Board to meet and review design options for this area prior to final cost being prepared by BMCL Meeting to discuss design has taken place. Sketch layout approved and will now go via RDD process. It was agreed to sign off design and then take back for M&amp;E etc to be completed in order to progress this quickly. AS clear that the costs could not exceed that already agreed and PM will take this through to conclusion. PM advised that the CAD had been received and had been reviewed the previous day. The drawings would be provided back to BMCL asap with some comments (predominantly re retention of the renal panels in the rooms) PM advised that the drawings had been received and HG had returned these to BMCL. DMF advised that this was now in the design stage with Wallace Whittle. BMCL had targeted 3 weeks to have the design provided to them in 3 weeks so that BMCL can then carry-out the pricing verification exercise. DMF advised that it was anticipated to have the design available for NHS review 3 weeks before the 30<sup>th</sup> September and the cost information will follow as soon as possible thereafter. DMF advised that it was proposed to provide the drawings to the NHS by 16<sup>th</sup> September and it had been confirmed to DR when BMCL need the cost info for. PM noted that the RDD pack was to be provided 16 September, the NHS would review and return</p>	

			05/09/2013	to BMCL within 1 week. Cost info anticipated to be circa 13 <sup>th</sup> September 2013. DS noted that there were minor alterations being done to the Nightingale drawings.	
			12/09/2013	DS noted that the Nightingale drawings may be available for providing to the NHS Team later that day and the WW drawings would be provided as soon as possible thereafter. DH noted that the Nightingale drawings were key to the sign-off and that the WW drawings could follow on it was expected that the WW would be co-ordinated with the Nightingale drawings.	
			19/09/2013	PM advised that the NHS Had spent time the previous day going through the drawings.. the drawings had been provided back to GBurnett and GBurnett had been advised of minor comments/items. The Commercial exercise by BMCL was to be carried out. JB noted that the Mercury confirmation of costs were to be provided from BMCL. DH suggested that the equipment be left in but BMCL should advise on any implications regarding the equipment. GW suggested that the BMCL costs would be provided by 20 <sup>th</sup> Sept 2013 and JB advised that he would confirm the drop dead date for the NHS confirmation re way forward.	
			26/09/2013	M&E – discussed within meeting and drawings marked up and given status (some were D status). GW noted that BMCL needed to double check the quote prepared by JBailey. DR requested that BMCL provide the quote to DR no later than cop 20/09/2013. <b>Noted that price had been received from BMCL and there had been a quick discussion with JB after the PMG meeting. Meeting with JB later that day to discuss lump sum costs, etc. The NHS would work with BMCL to get the way forward confirmed asap.</b>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	22/07/2013	In relation to TRA 8001, lighting tracks in MIL-010 & MIL-006 the Board confirm the following: - ceiling height for these two rooms to be increased to 2800mm minimum - 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups - Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible - TRA8001 specification to be agreed with users	
			25/07/2013	DMF advised that he was awaiting the cost info.	
			01/08/2013	DMF agreed to chase this up. DH confirmed that load/weight.	
			08/08/2013	GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.	
			15/08/2013	DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).	
			29/08/2013	DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.	
			05/09/2013	DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.	
			12/09/2013	DH advised that he had provided a response and further feedback and DP and DH would liaise to bottom out the requirements.	
			19/09/2013	DP advised that CGrindley would meet with DH on return to the office. WIP	
			26/09/2013	<b>DH advised that he would liaise with CG. Feedback was awaited re the length of tracks being provided.</b>	

2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	14/08/2013	<p>The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol> <p>22/08/2013 DMF noted that BMCL were working through the detail of this PMI.</p> <p>29/08/2013 DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p> <p>05/09/2013 DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team.</p> <p>12/09/2013 GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom.</p> <p>19/09/2013 DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes.</p> <p>26/09/2013 <b>DH noted that the costs were under review by the NHS Team.</b></p>
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2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
2226	PMI 248	Equipment Group Change - 5no.RAC420 racks in PICU (ECMO).	16/09/2013 26/09/2013	The Board confirms that the 5no RAC420 located in NCH-01-CCW-015_1 (Utility/clinical area support facilities) will be transferred from Equipment Group 1 to Group 3. It was agreed this item could be closed. GW noted that manual adjustment had been made to the equipment schedule	
2252	PMI 249	Adult and Children's Hospitals - Endoscopy Decontamination Suite	25/09/2013  26/09/2013	The Board confirm changes to rooms DCT-006 and DCT-010 Due to the extended procurement process for endoscopy washers and the urgent requirement to progress the works in the above areas, the Board proposes to omit the following works from the main contract. 1) Installation of 2 No. pass through hatches (HAT 1000) (hatches to be provided free issue). 2) Internal partition providing sealed separation of DCT-006 and DCT-010 including openings for washers and pass through hatches. Note: this partition would be double walled to provide flush finish on both sides. In addition, the following works should be deferred until the washer procurement has been completed and final service connection details are available. 3) Construction of a plinth to accommodate drainage. 4) Installation of drainage including individual trapped wastes. 5) Connection of extract ventilation from individual washers to wider ventilation system. In order to progress the remaining works, the ceiling and floor finishes should be progressed in accordance with the attached sketch, which confirms that vinyl should be continued under the proposed plinth. The 1200mm soffit constructed in moisture resistant plasterboard should be installed at the same level as the general ceiling with access maintained to the area above, via the adjacent ceiling for future ventilation/services connections. DH advised that before raising this PMI this issue had been discussed with DWilson and JMiller. Any issues please discuss with DH.	

## COMPENSATION EVENTS

Haemato-oncology – CE to be raised

Insurance – GW expecting confirmation re schedule. DH noted that the 1<sup>st</sup> equipment to be installed will commence 7<sup>th</sup> October 2013 (package circa £600k)

A51679245



- 1) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end).(01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013) **DH advised that he was expecting a response from JFoster on the 1<sup>st</sup> October – Jfoster indicating that earliest opportunity for a meeting is 14<sup>th</sup> October 2013. DH expected to be able to confirm the floor requirements. (26/09/2013)**
- 2) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**

- 3) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check.
- 4) Gas meter – cross sections – DH advised that he was awaiting the cross section drawings. DP has forward but AS/PM had not had opportunity to review (18/07/2013) DP advised that BMCL would need to consider how best to disguise the meter housing. DH suggested that it could be overlaid. It was noted that this item would be progressed through the RDD process therefore item closed for this group. DS agreed to progress through Gillespies. (25/07/2013) DS advised that he had emailed Gillespies and a meeting will be organized by RNethery (08/08/2013) DP noted that this was WIP and the Landscape proposals were to be provided by Gillespies to BMCL. (15/08/2013) DS advised that a proposal was being progressed. (29/08/2013) DS advised that this would be discussed in the BMCL design team meeting later that day and an update would be provided w/c 09/09/2013. (05/09/2013) DS advised that the proposals had been discussed internally and that he would try and get the info to the NHS in the next few weeks. (12/09/2013)



The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 09/10/2013:


				returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.	
			22/08/2013	PM noted provided an update re the RDD Workflow report: Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL Desk locations – WIP by FW and he would try to push this on Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms	
			29/08/2013	DH advised that there were 12 items outstanding which would be worked through over the remained of the week. <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information</li> </ul>	

				<p>returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</p> <ul style="list-style-type: none"> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>	
		05/09/2013 12/09/2013		<p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
		19/09/2013		<p>PM provided the following update:</p> <p>Car Par –HMc will progress these</p> <p>3<sup>rd</sup> floor – FW to return by 23/09</p> <p>Fire Plans – DH to return by 23/09</p> <p>Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only</p> <p>Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.</p>	

			<p>26/09/2013</p> <p>03/10/2013</p>	<p>Door Type schedule – HM progressing this</p> <p>Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.</p> <p>Medical Air &amp; Vacuum – with ISandford.</p> <p>DH provided the following update:</p> <p>Medical Gas calcs – to be noted on register as 'For Info'</p> <p>Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds</p> <p>Car Park – info returned on 25/09</p> <p>Gillespies - info returned on 25/09</p> <p>Fire Design – WIP – will return by end of week</p> <p>Remaining drawings – to go back as D status and covered by a PMI</p> <p>PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items sitting with BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013 19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevant – there may be a disconnect between the Design Team and Construction team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined cost and that the NHS would not want to spend more money than needs to.</p> <p>AK advised that he was awaiting info re other jobs in Scotland – will chase this up. BMCL propose to commence the works on 28<sup>th</sup> Oct. (PM agreed to provide AK with a copy of a recent complaint).</p>	

19236	BMCL-EWN-138	Modifications to take large gas meter/rig for main gas supply from Renfrew Road	09/09/2013	<p>The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.</p> <p>The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.</p> <p>When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore installed.</p> <p>The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.</p>	
			12/09/2013	<p>GW advised that he had instructed Mercury to resolve however there would be a cost incurred (Mercury &amp; Dunne). DH raised a query regarding the difference between the sketch and the pictures and GW agreed to check this out. DH enquired about the need for the excavation and DP advised that it is so that the pipe can be brought through. DP noted that the gas board will not provide the drawing until the meter has been purchased therefore this issue could not have been foreseen.</p>	
			19/09/2013	<p>GW advised that BMCL had carried out work which was different from what anticipated – GW would liaise with DR. DP suggested that the slab would need to be extended to all 4 sides in order to get the governor, etc placed.</p>	
			26/09/2013	<p>GW advised that he understood that the works are finished. GW accepted the query re cost for the works and suggested that the cost is circa £15k. DR suggested that £15k was expensive. DR and GW to liaise to resolve.</p>	
			03/10/2013	<p>GW noted that he has information for discussion with DR. WIP to conclude.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 09/10/2013


					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL</p>	
			19/09/2013		
			26/09/2013		
			03/10/2013		

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				programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013  19/09/2013 26/09/2013 03/10/2013	<p>Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.</p> <p>GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.</p> <p>DH advised that a pre-meeting was scheduled for the 10<sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.</p> <p>PM noted that feedback from BMCL is awaited. AK advised he would review the drawing. DMF noted that RNetherey was progressing this item. AK advised that he had undertaken a review of the landscaping and BMCL propose to complete the areas starting with south, then east, then west so this area is the last area to be done.</p>	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 09/10/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013 17/01/2013 24/01/2013 31/01/2013 07/02/2013 14/02/2013  21/02/2013 28/02/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming</p>	

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			<p>couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>06/03/2013 AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>14/03/2013 AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>04/04/2013 PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>11/04/2013 DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>17/04/2013 DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p>
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			15/08/2013	DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.	
			05/09/2013	DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.	
			19/09/2013	DP noted that the final proposal was with IPowrie for agreement.	
			26/09/2013	GW noted this was WIP and he was unsure if DP had received a reply from IP	
			03/09/2013	DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.	
1978	PMI 217	MTHW System - Site ring	22/05/2013	The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.	
			24/05/2013	The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc	
			06/06/2013	DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.	
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.	
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.	
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.	
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.	
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL	
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back	
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would	

			<p>01/08/2013 want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p>08/08/2013 DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</p> <p>15/08/2013 DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&amp;E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.</p> <p>22/08/2013 AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.</p> <p>29/08/2013 PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.</p> <p>05/09/2013 DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.</p> <p>12/09/2013 DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.</p> <p>19/09/2013 PM advised that he had appointed C&amp;B to carry out a feasibility study.</p> <p>26/09/2013 PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.</p> <p>03/10/2013 <b>DH advised that he will liaise with SMcKechne on his return from leave (1<sup>st</sup> Oct 2013). PM advised that WW are still working on the design as SMcKechne has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.</b></p>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	<p>22/07/2013 In relation to TRA 8001, lighting tracks in MIL-010 &amp; MIL-006 the Board confirm the following:</p> <ul style="list-style-type: none"> <li>- ceiling height for these two rooms to be increased to 2800mm minimum</li> <li>- 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups</li> <li>- Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible</li> <li>- TRA8001 specification to be agreed with users</li> </ul> <p>25/07/2013 DMF advised that he was awaiting the cost info.</p> <p>01/08/2013 DMF agreed to chase this up. DH confirmed that load/weight.</p> <p>08/08/2013 GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.</p> <p>15/08/2013 DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).</p> <p>29/08/2013 DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.</p>	





10606	CE 050	<p>Project Insurance for Group 5 and IT Equipment</p> <p>The Board require the project insurance policy to cover the installation of Group 5 imaging equipment and IT switches prior to completion. The values and timetable for installation of this equipment was made available to establish the value of the additional premium, this has been confirmed as £56,085.00 ex VAT by the insurers. This cover should be in place to meet the installation of the IT switches in October 2013.</p> <p>GW advised that there had been some queries. DH had provided a response which had been forwarded to the insurer. BMCL were awaiting the insurance policy amendment. GW agreed to check with Ian for an update.</p>	<p>23/09/2013</p> <p>03/10/2013</p>	BMCL to upload costs
10675	CE 051	<p>Adult Hospital - Level 4 Zones 512, 513 &amp; 514 HEPA Filtration</p> <p>The Board confirm acceptance of proposals set out in PMI 228 and confirm the design and adaptations to this are should be taken forward and incorporated into the finished building by the contract completion date for Stage 3. The agreed value for these works is £569,001.49 excluding VAT.</p>	02/10/2013	BMCL to upload costs

#### Other items that require discussion:

- 1) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1st floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26th as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20th September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20th September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market.



(05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013) DH advised that he was expecting a response from JFoster on the 1<sup>st</sup> October – JFoster indicating that earliest opportunity for a meeting is 14<sup>th</sup> October 2013. DH expected to be able to confirm the floor requirements. (26/09/2013) **GW enquired who from the NHS was pushing for the MRI info so that BMCL can do the infill works – BMCL awaiting PMI. DR advised that he had a draft PMI to be reviewed by JMcGarrity prior to issue via Sypro. PM advised that JMcG was in the process of checking the Siemens transfer requirements. (03/10/2013)**

- 2) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**
- 3) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HMRC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). **GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013)**
- 4) **Cables to be dropped at the Entrance – DP noted that there is 1 NHS cable and 1 BMCL cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013)**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 16/10/2013:




			08/08/2013	<p>Internal finishes – SF trying to locate these – may request reprints.  Interventional – information returned  Pharmacy – BMCL instructed to fit the out cabinet  Minor Equipment – WIP  Schedule of low voltage – information returned  Metal composite cladding – hard copy never received as was wrong rev no  Medical Air and Vacuum plant – awaiting schematic  Rack – wip to conclude  Safe – instructed PMI to confirm is to be a group 3 item  1<sup>st</sup> floor plans – desk locations – with FW  Renal water – returned as a B status – response from Elgar expected 08/08/2013  GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p>	
			15/08/2013	<p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p>	
			22/08/2013	<p>PM noted provided an update re the RDD Workflow report:  Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL  Desk locations – WIP by FW and he would try to push this on  Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p>	
			29/08/2013	<p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> </ul>	

			<ul style="list-style-type: none"> <li>DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>	
		05/09/2013 12/09/2013	<p>DH advised that there were no outstanding drawings of significance on the list. DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack. PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI. JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
		19/09/2013	<p>PM provided the following update: Car Park –HMc will progress these 3<sup>rd</sup> floor – FW to return by 23/09 Fire Plans – DH to return by 23/09 Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status. Door Type schedule – HM progressing this Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible. Medical Air &amp; Vacuum – with ISandford.</p>	
		26/09/2013	<p>DH provided the following update: Medical Gas calcs – to be noted on register as 'For Info' Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds Car Park – info returned on 25/09 Gillespies - info returned on 25/09 Fire Design – WIP – will return by end of week Remaining drawings – to go back as D status and covered by a PMI</p>	
		03/10/2013	<p>PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>38 items sitting with BMCL</li> </ul>	

			10/10/2013	<ul style="list-style-type: none"> <li>3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p>	
19183	BMCL-EWN-137	VIE Foundation Design	05/09/2013  12/09/2013 19/09/2013  26/09/2013  03/10/2013 10/10/2013	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevard – there may be a disconnect between the Design Team and Constructon team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined cost and that the NHS would not want to spend more money than needs to.</p> <p>AK advised that he was awaiting info re other jobs in Scotland – will chase this up. BMCL propose to commence the works on 28<sup>th</sup> Oct. (PM agreed to provide AK with a copy of a recent complaint).</p> <p>AK advised that he would chase up the sub-contractor for confirmation of date for a site visit. PM enquired if the NHS could be provided with the sub-contractor method statement for the piling works. PM requested that BMCL provide an overview list of the benefits of progressing this type of piling solution.</p>	
19236	BMCL-EWN-138	Modifications to take large gas meter/rig for main gas supply from Renfrew Road	09/09/2013	<p>The new large gas rig/meter to supply full gas flows to the hospital is due for delivery on 07/10/2013. The current arrangement on the Renfrew road side of the site is currently not suitable to take the proposed meter.</p> <p>The NHS took the decision to install a small temporary meter in the first instance. Brookfield made every effort to future proof the infrastructure at this point to accommodate the larger gas meter (see original correspondence 2011 attached) based on supplied generic information.</p>	

			<p>12/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p>	<p>When the large gas meter design eventually came through in May 2013 (see attached), the dimensions and the positioning of the in and out valves were different to what had been envisaged and therefore installed.</p> <p>The gas meter supplier would not release actual design information at the time because the board had not purchased the larger meter.</p> <p>GW advised that he had instructed Mercury to resolve however there would be a cost incurred (Mercury &amp; Dunne). DH raised a query regarding the difference between the sketch and the pictures and GW agreed to check this out. DH enquired about the need for the excavation and DP advised that it is so that the pipe can be brought through. DP noted that the gas board will not provide the drawing until the meter has been purchased therefore this issue could not have been foreseen.</p> <p>GW advised that BMCL had carried out work which was different from what anticipated – GW would liaise with DR. DP suggested that the slab would need to be extended to all 4 sides in order to get the governor, etc placed.</p> <p>GW advised that he understood that the works are finished. GW accepted the query re cost for the works and suggested that the cost is circa £15k. DR suggested that £15k was expensive. DR and GW to liaise to resolve.</p> <p>GW noted that he has information for discussion with DR. WIP to conclude.</p> <p>DR advised this had been discussed with BMCL and this item was now closed.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 16/10/2013

					
SypID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p>	

19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013	Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.	
			19/09/2013	GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.	
			26/09/2013	DH advised that a pre-meeting was scheduled for the 10 <sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.	
			03/10/2013	PM noted that feedback from BMCL is awaited. AK advised he would review the drawing. DMF noted that RNetherey was progressing this item. AK advised that he had undertaken a review of the landscaping and BMCL propose to complete the areas starting with south, then east, then west so this area is the last area to be done.	
			10/10/2013	DS advised that a response was awaited from WSP re compliance and costs associated with the SPT proposals. PM noted that the changes would need to be balanced i.e. taking out 2 sets of lights, etc. JB noted that BMCL are working to the agreed red line boundary drawing re street lighting however have concern that GCC will request additional street lighting out-with the red line boundary drawing. PM advised that the NHS concern re the SPT proposals is the potential impact on the star pipe, etc. The NHS need to understand the implications of the proposals.	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 16/10/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the	

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			<p>last item on the programme.</p> <p>21/02/2013 Progressing on programme</p> <p>28/02/2013 AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>06/03/2013 AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>14/03/2013 AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>04/04/2013 PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>11/04/2013 DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>17/04/2013 DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p>	
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			01/08/2013 08/08/2013  15/08/2013  05/09/2013  19/09/2013 26/09/2013 03/09/2013  10/10/2013	PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement. DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends. DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week. DP noted that the final proposal was with IPowrie for agreement. GW noted this was WIP and he was unsure if DP had received a reply from IP DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited. <b>DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013.</b>	
1978	PMI 217	MTHW System - Site ring	22/05/2013   24/05/2013  06/06/2013  13/06/2013  20/06/2013  27/06/2013   04/07/2013	The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.  The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost. GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works. DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees. AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced. AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses. AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8 <sup>th</sup> /9 <sup>th</sup> July the way forward.	



			<p>11/07/2013 DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL</p> <p>18/07/2013 AS/DH and AK will walkround the proposed area on Friday 19<sup>th</sup> July and report back</p> <p>25/07/2013 AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.</p> <p>01/08/2013 DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.</p> <p>08/08/2013 DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&amp;E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.</p> <p>15/08/2013 AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.</p> <p>22/08/2013 PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.</p> <p>29/08/2013 DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.</p> <p>05/09/2013 DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.</p> <p>12/09/2013 PM advised that he had appointed C&amp;B to carry out a feasibility study.</p> <p>19/09/2013 PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.</p> <p>26/09/2013 DH advised that he will liaise with SMcKechne on his return from leave (1<sup>st</sup> Oct 2013).</p> <p>03/10/2013 PM advised that WW are still working on the design as SMcKechne has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.</p> <p>10/10/2013 PM advised that WW had undertaken a site visit on 8/10 and are currently in the process of finalizing their report. PM anticipated that it would be circa 3 weeks until the NHS will be in a position to confirm the way forward. AK noted that there were no issues with this timeline.</p>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	<p>22/07/2013 In relation to TRA 8001, lighting tracks in MIL-010 &amp; MIL-006 the Board confirm the following:</p> <ul style="list-style-type: none"> <li>- ceiling height for these two rooms to be increased to 2800mm minimum</li> <li>- 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups</li> <li>- Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible</li> <li>- TRA8001 specification to be agreed with users</li> </ul> <p>25/07/2013 DMF advised that he was awaiting the cost info.</p> <p>01/08/2013 DMF agreed to chase this up. DH confirmed that load/weight.</p>	

			<p>08/08/2013 GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.</p> <p>15/08/2013 DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).</p> <p>29/08/2013 DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.</p> <p>05/09/2013 DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.</p> <p>12/09/2013 DH advised that he had provided a response and further feedback and DP and DH would liaise to bottom out the requirements.</p> <p>19/09/2013 DP advised that CGrindley would meet with DH on return to the office. WIP</p> <p>26/09/2013 DH advised that he would liaise with CG. Feedback was awaited re the length of tracks being provided.</p> <p>03/10/2013 GW advised that an internal discussion is required to progress this item</p> <p>10/10/2013 DMF advised that the unistrut was either in the process of being installed or had now been installed. JB noted that this was an equipment list item. DP advised that when BMCL understand the lighting then will issue proposals through RDD process.</p>	
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	<p>14/08/2013 The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location</li> </ol> </li> </ol>	

				and operation of splitters to be advised and costed.	
			22/08/2013 29/08/2013 05/09/2013 12/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013	<p>3. As an option, to replace the above in 4no children's theatres with:</p> <p>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</p> <p>DMF noted that BMCL were working through the detail of this PMI.</p> <p>DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p> <p>DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team.</p> <p>GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom.</p> <p>DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes.</p> <p>DH noted that the costs were under review by the NHS Team.</p> <p>GW advised that BMCL had received a response which required to be reviewed.</p> <p>DMF noted this was work in progress.</p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013 19/09/2013 03/10/2013 10/10/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>PM noted this was WIP. GW advised that the sprinklers shouldn't have been fitted and everyone was verbally aware that this related to the whole suite and not just individual rooms.</p> <p>DS advised that confirmation was awaited from Building Control re the sprinkler omission.</p>	
2252	PMI 249	Adult and Children's Hospitals - Endoscopy Decontamination Suite	25/09/2013	<p>The Board confirm changes to rooms DCT-006 and DCT-010</p> <p>Due to the extended procurement process for endoscopy washers and the urgent requirement to progress the works in the above areas, the Board proposes to omit the following works from the main contract.</p> <p>1) Installation of 2 No. pass through hatches (HAT 1000) (hatches to be provided free issue).</p> <p>2) Internal partition providing sealed separation of DCT-006 and DCT-010 including openings for washers and pass through hatches. Note: this partition would be double walled to provide flush finish on both sides.</p> <p>In addition, the following works should be deferred until the washer procurement has been completed and final service connection details are available.</p> <p>3) Construction of a plinth to accommodate drainage.</p>	

			26/09/2013  10/10/2013	<p>4) Installation of drainage including individual trapped wastes.</p> <p>5) Connection of extract ventilation from individual washers to wider ventilation system.</p> <p>In order to progress the remaining works, the ceiling and floor finishes should be progressed in accordance with the attached sketch, which confirms that vinyl should be continued under the proposed plinth. The 1200mm soffit constructed in moisture resistant plasterboard should be installed at the same level as the general ceiling with access maintained to the area above, via the adjacent ceiling for future ventilation/services connections.</p> <p>DH advised that before raising this PMI this issue had been discussed with DWilson and JMiller. Any issues please discuss with DH.</p> <p><b>It was noted this is WIP</b></p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013	<p>Confirmation of requirements for floor screeds to 3 rooms.</p> <p>Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p>	

### COMPENSATION EVENTS

10606	CE 050	<p>Project Insurance for Group 5 and IT Equipment</p> <p>The Board require the project insurance policy to cover the installation of Group 5 imaging equipment and IT switches prior to completion. The values and timetable for installation of this equipment was made available to establish the value of the additional premium, this has been confirmed as £56,085.00 ex VAT by the insurers. This cover should be in place to meet the installation of the IT switches in October 2013.</p> <p>GW advised that there had been some queries. DH had provided a response which had been forwarded to the insurer. BMCL were awaiting the insurance policy amendment. GW agreed to check with Ian for an update.</p> <p><b>DMF advised that he was chasing up the certificate</b></p>	23/09/2013  03/10/2013  10/10/2013	BMCL to upload costs
10675	CE 051	<p>Adult Hospital - Level 4 Zones 512, 513 &amp; 514 HEPA Filtration</p> <p>The Board confirm acceptance of proposals set out in PMI 228 and confirm the design and adaptations to this are should be taken forward and incorporated into the finished building by the contract completion date for Stage 3. The agreed value for these works is £569,001.49 excluding VAT.</p>	02/10/2013	BMCL to upload costs

- 1) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jams therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster asap so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013) DH advised that he was expecting a response from JFoster on the 1<sup>st</sup> October – Jfoster indicating that earliest opportunity for a meeting is 14<sup>th</sup> October 2013. DH expected to be able to confirm the floor requirements. (26/09/2013) GW enquired who from the NHS was pushing for the MRI info so that BMCL can do the infill works – BMCL awaiting PMI. DR advised that he had a draft PMI to be reviewed by JMcGarrry prior to issue via Sypro. PM advised that JMcG was in the process of checking the Siemens transfer requirements. (03/10/2013) PM advised that a meeting to discuss the MRI rooms had been scheduled for later that day. PM had information for 3 of the rooms. Confirmation of the density of the steelwork is awaited by the NHS (this is being progressed by WSP via GBurnett). PM noted that he proposed to issue information for 3 rooms later that day. A discussion re the containment in the ceilings was required. DP suggested that KHall and RNethery should do an on-site visit with the NHS to agree the rooms. PM agreed to liaise with FW. AK noted that AFe may need to be present on the site visit. PM advised that he had issued an email to DP to confirm that mobile xray machines (not ceiling mounted) will be used in adult resus. (10/10/2013)
- 2) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still



chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliance. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is a query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) **DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013)**

- 3) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legals (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) **DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013)**
- 4) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) **DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013)**
- 5) Ground Water Monitoring - CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued. 01/08/2013 DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring. 08/08/2013 Response awaited from GCC 15/08/2013 DS noted that BMCL would continue to push GCC for a response (22/08/2013) DS noted that the GCC reps was on leave however BMCL had left a message for the rep to call asap (12/09/2013) Response from GCC advising that information has been lost however when they receive a further copy of the information would be recommending that the monitoring can stop. (19/09/2013) GW advised this was WIP – formal confirmation awaited from GCC (26/09/2013) **DS advised that he was checking out the planning condition to check that the condition can be discharged (10/10/2013)**
- 6) Car Park 1 – PM noted that the car park 1 construction is currently 4 weeks behind programme. AK advised that there were a few items to be resolved i.e. back propping, steel delivery dates, however BMCL would be discussing the programme with Dunne in order to identify how to accelerate the works to bring the programme back into line. **BMCL wanted to finish the Car Park as per the programme finish date (10/10/2013)**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 30/10/2013:




				<p>Interventional – information returned</p> <p>Pharmacy – BMCL instructed to fit the out cabinet</p> <p>Minor Equipment – WIP</p> <p>Schedule of low voltage – information returned</p> <p>Metal composite cladding – hard copy never received as was wrong rev no</p> <p>Medical Air and Vacuum plant – awaiting schematic</p> <p>Rack – wip to conclude</p> <p>Safe – instructed PMI to confirm is to be a group 3 item</p> <p>1<sup>st</sup> floor plans – desk locations – with FW</p> <p>Renal water – returned as a B status – response from Elgar expected 08/08/2013</p> <p>GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p> <p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>22/08/2013 PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>29/08/2013 DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been</li> </ul>	
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				<p>provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</p>	
			<p>05/09/2013 12/09/2013</p>	<p>DH advised that there were no outstanding drawings of significance on the list. DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack. PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI. JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
			<p>19/09/2013</p>	<p>PM provided the following update: Car Park –HMc will progress these 3<sup>rd</sup> floor – FW to return by 23/09 Fire Plans – DH to return by 23/09 Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status. Door Type schedule – HM progressing this Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible. Medical Air &amp; Vacuum – with ISandford.</p>	
			<p>26/09/2013</p>	<p>DH provided the following update: Medical Gas calcs – to be noted on register as 'For Info' Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds Car Park – info returned on 25/09 Gillespies - info returned on 25/09 Fire Design – WIP – will return by end of week Remaining drawings – to go back as D status and covered by a PMI</p>	
			<p>03/10/2013</p>	<p>PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items sitting with BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> </ul>	

			<p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p>	<ul style="list-style-type: none"> <li>22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL. DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3  SAF 005 - PMI 245 issued now within Group 3  1 outstanding item is MSC1000 Pharmacy cabinet</p>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013 19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course  Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevard – there may be a disconnect between the Design Team and Construction team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined cost and that the NHS would not want to spend more money than needs to.</p> <p>AK advised that he was awaiting info re other jobs in Scotland – will chase this up. BMCL propose to commence the works on 28<sup>th</sup> Oct. (PM agreed to provide AK with a copy of a recent complaint).</p> <p>AK advised that he would chase up the sub-contractor for confirmation of date for a site visit. PM enquired if the NHS could be provided with the sub-contractor method statement for the piling works. PM requested that BMCL provide an overview list of the benefits of progressing this type of piling solution.</p> <p>JB advised that the MJ piling order is ready to issue noting that the NHS Team accepted the piling</p>	

			24/10/2013	<p>solution. PM advised that the piling method was accepted in principle however ask that the piling works do not start on site before 9am noting that there is potential for the works to have to stopped. AK advised that BMCL needed to get the result of 1 static test. PM advised that he would liaised with HMcDerment re providing a communication to the hospital site. AK advised that he would liaise with CDunlop to communicate with neighbours. AK noted that a meeting needed to be brokers with the neighbours as DHalliday was no longer the neighborhood rep. PM advised that he would attend the meeting as the NHS Rep. AK advised that he would confirm to PM the start on site date for the works.</p> <p>AK noted that piling would commence on Monday 18<sup>th</sup> November. Site would be required 1 week prior in order to erect secure hoarding. AK is in discussions with SGH FM staff and HMCD on requirements. Piling programmed to complete within week. Neighbours will be informed via MMCA/PM. Clarity on the hammer weight either 2 ton or 3 ton – AK will clarify this along with the arrangements for neighbourhood meeting.</p>	
20082	BMCL-EWN-13	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3  3.15 Node ICT server room cooling  3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 30/10/2013

						
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in</p>		

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Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.

19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013	Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.	
			19/09/2013	GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.	
			26/09/2013	DH advised that a pre-meeting was scheduled for the 10 <sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.	
			03/10/2013	PM noted that feedback from BMCL is awaited. AK advised he would review the drawing. DMF noted that RNetherey was progressing this item. AK advised that he had undertaken a review of the landscaping and BMCL propose to complete the areas starting with south, then east, then west so this area is the last area to be done.	
			10/10/2013	DS advised that a response was awaited from WSP re compliance and costs associated with the SPT proposals. PM noted that the changes would need to be balanced i.e. taking out 2 sets of lights, etc. JB noted that BMCL are working to the agreed red line boundary drawing re street lighting however have concern that GCC will request additional street lighting out-with the red line boundary drawing. PM advised that the NHS concern re the SPT proposals is the potential impact on the star pipe, etc. The NHS need to understand the implications of the proposals.	
			17/10/2013	DS advised that he had met with the engineering and landscape architects and had an idea of the costs for the consultants and the associated costs involved with the change. DS suggested that a separate meeting to discuss the changes and costs should be held. DS advised that there was a query regarding the potential need to redo the RCC. Consideration needed to be given to the bus stacking. PM advised that to accommodate the bus stacking it was expected that BMCL would need to reprofile the road. DH advised that the proposals had been discussed in a joint SPT, GCC and NHS meeting to resolve the issue and the RCC may need to be amended however it was thought that GCC would not have any issues and that GCC were not adopting the roads. DS advised that BMCL have proved that the transport hub works. DH advised that due to the design of the kerbs it had been suggested that there is potential for the buses to be damaged. The kerbs needed to be straight so that buses can dock – the curved design does not work. JB noted that there is a phasing issue re the start of the kerbs and buildings. PM advised that the NHS need confirmation that the revised proposal is workable i.e. no impact on starpipe, etc. If workable then a separate discussion re costs can happen at a later date. DS advised that he would liaise with AK re stage 3A works and will thereafter provide the documents to NHS and arrange a meeting to discuss.	
			24/10/2013	DS asked to produce a key issues list for PM prior to this meeting. Costing not required at this time.	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 30/10/2013



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013  17/01/2013 24/01/2013  31/01/2013  07/02/2013 14/02/2013  21/02/2013 28/02/2013  06/03/2013  14/03/2013  04/04/2013  11/04/2013  17/04/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p>	

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			<p>25/04/2013 DP agreed to chase the proposal</p> <p>02/05/2013 DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>16/05/2013 DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>24/05/2013 DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>06/06/2013 DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>13/06/2013 DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>20/06/2013 DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>27/06/2013 DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>04/07/2013 AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>11/07/2013 This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>18/07/2013 Instruction given to Mercury today and programme will be issued</p> <p>25/07/2013 DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>01/08/2013 PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>08/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>15/08/2013 DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p> <p>05/09/2013 DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>19/09/2013 DP noted that the final proposal was with IPowrie for agreement.</p> <p>26/09/2013 GW noted this was WIP and he was unsure if DP had received a reply from IP</p> <p>03/09/2013 DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.</p> <p>10/10/2013 DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013.</p> <p>24/10/2013 <b>On schedule</b></p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>24/05/2013 GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence</p>	



			06/06/2013	works to install the duct w/c 27/05/2013. AK would have to review level differences, etc DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an

			<p>05/09/2013 instruction will be provided to BMCL. DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.</p> <p>12/09/2013 PM advised that he had appointed C&amp;B to carry out a feasibility study.</p> <p>19/09/2013 PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.</p> <p>26/09/2013 DH advised that he will liaise with SMcKechnie on his return from leave (1<sup>st</sup> Oct 2013).</p> <p>03/10/2013 PM advised that WW are still working on the design as SMcKechnie has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.</p> <p>10/10/2013 PM advised that WW had undertaken a site visit on 8/10 and are currently in the process of finalizing their report. PM anticipated that it would be circa 3 weeks until the NHS will be in a position to confirm the way forward. AK noted that there were no issues with this timeline.</p> <p>17/10/2013 DH advised that he would meet with SMcKechnie on 18<sup>th</sup> October for an update on findings. PM enquired if BMCL were ok with the timing for receiving confirmation of the way forward and AK advised that the O<sub>2</sub> works were to be carried out. DH enquired if BMCL had carried out any scans in that area and AK confirmed that they had not carried out any scans in that area as yet.</p> <p>24/10/2014 <b>This is not concluded and it is unlikely to connect to the neonatal as to connect to an older system will have its own issues. A more likely route is to cross "Lollipop Lane" and terminate close to the junction between the Neo-natal and Maternity buildings. BMCL will complete the pipework and valve off and pressure test and the pipe ends for connection will be located within a chamber for future connection. A PMI to be issued to that effect once the strategy has been ratified.</b></p>	
2115	PMI 237	Medical Illustration - Studio Lighting Supports	<p>22/07/2013 In relation to TRA 8001, lighting tracks in MIL-010 &amp; MIL-006 the Board confirm the following:</p> <ul style="list-style-type: none"> <li>- ceiling height for these two rooms to be increased to 2800mm minimum</li> <li>- 2 x 5.0m length of unistrut support to be installed 200mm above suspended ceiling, set out as per attached mark-ups</li> <li>- Projections (sprinklers/detectors) to be relocated outwith lighting gantry area where possible</li> <li>- TRA8001 specification to be agreed with users</li> </ul> <p>25/07/2013 DMF advised that he was awaiting the cost info.</p> <p>01/08/2013 DMF agreed to chase this up. DH confirmed that load/weight.</p> <p>08/08/2013 GW noted that the services in the room prohibit the install of the unistrut. Mercury is being asked how they proposed to fit the lighting track. There may be an issue re the 2.8m ceiling height.</p> <p>15/08/2013 DMF advised that he had met with DH the previous week to understand what the lighting actually is. Mercury have to provide an RFI to BMCL requesting the exact requirements. There is a concern regarding the load (weight).</p> <p>29/08/2013 DH advised that he had provided fully detailed info including part numbers to BMCL. Met with medical illustration and obtained the supplier quote which had been provided to BMCL.</p> <p>05/09/2013 DMF noted that an email response had been provided to DH. DH agreed to review the response and provide feedback.</p> <p>12/09/2013 DH advised that he had provided a response and further feedback and DP and DH would liaise to bottom out the requirements.</p> <p>19/09/2013 DP advised that CGrindley would meet with DH on return to the office. WIP</p> <p>26/09/2013 DH advised that he would liaise with CG. Feedback was awaited re the length of tracks being</p>	



			29/08/2013 05/09/2013 12/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2013	DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team. GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom. DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes. DH noted that the costs were under review by the NHS Team. GW advised that BMCL had received a response which required to be reviewed. DMF noted this was work in progress. DH advised that he had reviewed the revised costs received earlier that week and would discuss with PM and DL to identify/agree the way forward. <b>It was noted a meeting was scheduled for this pm to take forward. Instruction for 25 theatres with 4 in NCH on hold until OR1 issues is clarified</b>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013 19/09/2013 03/10/2013 10/10/2013 24/10/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. <b>Building Control information is awaited</b>	
2252	PMI 249	Adult and Children's Hospitals - Endoscopy Decontamination Suite	25/09/2013	The Board confirm changes to rooms DCT-006 and DCT-010 Due to the extended procurement process for endoscopy washers and the urgent requirement to progress the works in the above areas, the Board proposes to omit the following works from the main contract. 1) Installation of 2 No. pass through hatches (HAT 1000) (hatches to be provided free issue). 2) Internal partition providing sealed separation of DCT-006 and DCT-010 including openings for washers and pass through hatches. Note: this partition would be double walled to provide flush finish on both sides. In addition, the following works should be deferred until the washer procurement has been completed and final service connection details are available. 3) Construction of a plinth to accommodate drainage. 4) Installation of drainage including individual trapped wastes. 5) Connection of extract ventilation from individual washers to wider ventilation system. In order to progress the remaining works, the ceiling and floor finishes should be progressed in	

			26/09/2013 10/10/2013 24/10/2013	accordance with the attached sketch, which confirms that vinyl should be continued under the proposed plinth. The 1200mm soffit constructed in moisture resistant plasterboard should be installed at the same level as the general ceiling with access maintained to the area above, via the adjacent ceiling for future ventilation/services connections. DH advised that before raising this PMI this issue had been discussed with DWilson and JMiller. Any issues please discuss with DH. It was noted this is WIP <b>BMCL to accept then this item can be closed off</b>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013  17/10/2013  24/10/2013	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. <b>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013 24/10/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others <b>Price is awaited from Mercury on data and power install within the cabin</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these.	

10606	CE 050	<p>Project Insurance for Group 5 and IT Equipment</p> <p>The Board require the project insurance policy to cover the installation of Group 5 imaging equipment and IT switches prior to completion. The values and timetable for installation of this equipment was made available to establish the value of the additional premium, this has been confirmed as £56,085.00 ex VAT by the insurers. This cover should be in place to meet the installation of the IT switches in October 2013.</p> <p>GW advised that there had been some queries. DH had provided a response which had been forwarded to the insurer. BMCL were awaiting the insurance policy amendment. GW agreed to check with Ian for an update. DMF advised that he was chasing up the certificate</p>	<p>23/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p>	<p>Accepted on Sypro 29/10/2013</p>
10675	CE 051	<p>Adult Hospital - Level 4 Zones 512, 513 &amp; 514 HEPA Filtration</p> <p>The Board confirm acceptance of proposals set out in PMI 228 and confirm the design and adaptations to this are should be taken forward and incorporated into the finished building by the contract completion date for Stage 3. The agreed value for these works is £569,001.49 excluding VAT.</p>	<p>02/10/2013</p>	<p>Accepted on Sypro 29/10/2013</p>

#### Other items that require discussion:

- 1) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jambs therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster ASAP so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1st floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26th as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20th September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20th September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH



suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013) DH advised that he was expecting a response from JFoster on the 1<sup>st</sup> October – JFoster indicating that earliest opportunity for a meeting is 14<sup>th</sup> October 2013. DH expected to be able to confirm the floor requirements. (26/09/2013) GW enquired who from the NHS was pushing for the MRI info so that BMCL can do the infill works – BMCL awaiting PMI. DR advised that he had a draft PMI to be reviewed by JMcGarrity prior to issue via Sypro. PM advised that JMcG was in the process of checking the Siemens transfer requirements. (03/10/2013) PM advised that a meeting to discuss the MRI rooms had been scheduled for later that day. PM had information for 3 of the rooms. Confirmation of the density of the steelwork is awaited by the NHS (this is being progressed by WSP via GBurnett). PM noted that he proposed to issue information for 3 rooms later that day. A discussion re the containment in the ceilings was required. DP suggested that KHall and RNetherey should do an on-site visit with the NHS to agree the rooms. PM agreed to liaise with FW. AK noted that AFe may need to be present on the site visit. (10/10/2013) DH advised that the issue re the MRI room on the adult ground floor was that the 5 gauss line extended into the corridor and there had been a note on the drawing provided by BMCL which advised that there was an alternate proposal. This item needs to be concluded however it was proposed to move the machine by 50mm. DP suggested that FW and AStevens may already have visited the site. PM advised that there had been a meeting with FW and AStevens but there had not been a site visit. DP advised that he would liaise with AStevens for an update. PM advised that he would organize a walkround. It was understood that GFW had marked up drawings to give to BMCL (17/10/2013). PM advised that he had issued an email to DP to confirm that mobile xray machines (not ceiling mounted) will be used in adult resus. (10/10/2013) DP noted that he had received confirmation that gantries would not be required in the NCH Resus. PM advised that he would provide a PMI to confirm the omission. (17/10/2013). **Walk rounds being arranged should clarify and resolve any questions raised on mobile positions and power and data (24/10/2013)**

- 2) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 3) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legels are currently reviewing the legal info from AOS ( 15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this



out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). **Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013)**

- 4) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013) DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). **GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnstone are liaising to progress and also with FES/BMCL (24/10/2013)**
- 5) Ground Water Monitoring - CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued. 01/08/2013 DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring. 08/08/2013 Response awaited from GCC 15/08/2013 DS noted that BMCL would continue to push GCC for a response (22/08/2013) DS noted that the GCC reps was on leave however BMCL had left a message for the rep to call asap (12/09/2013) Response from GCC advising that information has been lost however when they receive a further copy of the information would be recommending that the monitoring can stop. (19/09/2013) GW advised this was WIP – formal confirmation awaited from GCC (26/09/2013) DS advised that he was checking out the planning condition to check that the condition can be discharged (10/10/2013). **Letter is anticipated from Glasgow City Council and it was noted that this could be closed out (24/10/2014)**
- 6) Fan coil units – DP advised that BMCL would be issuing an EW re fan coil units, cooling loads & IT – BMCL were having difficulty meeting the ER's and this would need to be discussed with the NHS. (17/10/2013). **DP was in the process of writing up heating and cooling for each of the relevant rooms along with solutions for the hub rooms (24/10/2013)**
- 7) **Finish to area at the NCH wall to atrium – PM asked what the finish was intended to be now that the “feature” has been removed. BMCL – line and paint as part of the design development therefore no cost implications. PMI to be written up by PM (24/10/2013)**
- 8) **Switches – DH raised the issue of £125K worth of additional switches having to be purchased by the Board for the hospitals. DP – it was a developing design and only best estimate information given to NHS for their tender. DP noted he was undertaking an audit to ascertain where the additional switches are required and what the key additions are for, and this information will be forwarded to DH. DP noted that it was known as an estimate and it was understood by all that it would change by either up or down in numbers. Unfortunately no possibility of reducing (24/10/2013)**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 06/11/2013:

				<p>Interventional – information returned  Pharmacy – BMCL instructed to fit the out cabinet  Minor Equipment – WIP  Schedule of low voltage – information returned  Metal composite cladding – hard copy never received as was wrong rev no  Medical Air and Vacuum plant – awaiting schematic  Rack – wip to conclude  Safe – instructed PMI to confirm is to be a group 3 item  1<sup>st</sup> floor plans – desk locations – with FW  Renal water – returned as a B status – response from Elgar expected 08/08/2013  GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.</p>	
		15/08/2013		<p>AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p>	
		22/08/2013		<p>PM noted provided an update re the RDD Workflow report:  Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL  Desk locations – WIP by FW and he would try to push this on  Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p>	
		29/08/2013		<p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been</li> </ul>	

				<p>provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</p>	
			<p>05/09/2013 12/09/2013</p>	<p>DH advised that there were no outstanding drawings of significance on the list. DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about. DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack. PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI. JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p>	
			<p>19/09/2013</p>	<p>PM provided the following update: Car Park –HMc will progress these 3<sup>rd</sup> floor – FW to return by 23/09 Fire Plans – DH to return by 23/09 Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status. Door Type schedule – HM progressing this Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible. Medical Air &amp; Vacuum – with ISandford.</p>	
			<p>26/09/2013</p>	<p>DH provided the following update: Medical Gas calcs – to be noted on register as 'For Info' Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds Car Park – info returned on 25/09 Gillespies - info returned on 25/09 Fire Design – WIP – will return by end of week Remaining drawings – to go back as D status and covered by a PMI</p>	
			<p>03/10/2013</p>	<p>PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> </ul>	

			<p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013</p>	<ul style="list-style-type: none"> <li>22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>2 marked up and returned to BMCL – fire safety design and atrium fire loads</p> <p>Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.</p> <p>Rack 420 – PMI 248 issued now within Group 3</p> <p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevant – there may be a disconnect between the Design Team and Construction team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined</p>	

			<p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013</p>	<p>cost and that the NHS would not want to spend more money than needs to.</p> <p>AK advised that he was awaiting info re other jobs in Scotland – will chase this up. BMCL propose to commence the works on 28<sup>th</sup> Oct. (PM agreed to provide AK with a copy of a recent complaint).</p> <p>AK advised that he would chase up the sub-contractor for confirmation of date for a site visit. PM enquired if the NHS could be provided with the sub-contractor method statement for the piling works. PM requested that BMCL provide an overview list of the benefits of progressing this type of piling solution.</p> <p>JB advised that the MJ piling order is ready to issue noting that the NHS Team accepted the piling solution. PM advised that the piling method was accepted in principle however ask that the piling works do not start on site before 9am noting that there is potential for the works to have to stopped. AK advised that BMCL needed to get the result of 1 static test. PM advised that he would liaised with HMcDerment re providing a communication to the hospital site. AK advised that he would liaise with CDunlop to communicate with neighbours. AK noted that a meeting needed to be brokers with the neighbours as DHalliday was no longer the neighborhood rep. PM advised that he would attend the meeting as the NHS Rep. AK advised that he would confirm to PM the start on site date for the works.</p> <p>AK noted that piling would commence on Monday 18<sup>th</sup> November. Site would be required 1 week prior in order to erect secure hoarding. AK is in discussions with SGH FM staff and HMcD on requirements. Piling programmed to complete within week. Neighbours will be informed via MMCA/PM. Clarity on the hammer weight either 2 ton or 3 ton – AK will clarify this along with the arrangements for neighbourhood meeting.</p> <p>DH advised that confirmation was awaited re size of hammer i.e. 2 tonne or 3 tonne. PM noted that discussion with the residents had taken place. PM acknowledged that it was accepted that BMCL will put blankets around the heras. It was proposed that the neighbours would be notified that the works are due to be progressed.</p>	
20082	BMCL-EWN-13	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3  3.15 Node ICT server room cooling  3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p>	


SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p>	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013	<p>Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.</p> <p>GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.</p> <p>DH advised that a pre-meeting was scheduled for the 10<sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.</p> <p>PM noted that feedback from BMCL is awaited. AK advised he would review the drawing. DMF noted that RNetherey was progressing this item. AK advised that he had undertaken a review of the landscaping and BMCL propose to complete the areas starting with south, then east, then west so this area is the last area to be done.</p> <p>DS advised that a response was awaited from WSP re compliance and costs associated with the SPT proposals. PM noted that the changes would need to be balanced i.e. taking out 2 sets of lights, etc. JB noted that BMCL are working to the agreed red line boundary drawing re street lighting however have concern that GCC will request additional street lighting out-with the red line boundary drawing. PM advised that the NHS concern re the SPT proposals is the potential impact on the star pipe, etc. The NHS need to</p>	



			17/10/2013	understand the implications of the proposals. DS advised that he had met with the engineering and landscape architects and had an idea of the costs for the consultants and the associated costs involved with the change. DS suggested that a separate meeting to discuss the changes and costs should be held. DS advised that there was a query regarding the potential need to redo the RCC. Consideration needed to be given to the bus stacking. PM advised that to accommodate the bus stacking it was expected that BMCL would need to reprofile the road. DH advised that the proposals had been discussed in a joint SPT, GCC and NHS meeting to resolve the issue and the RCC may need to be amended however it was thought that GCC would not have any issues and that GCC were not adopting the roads. DS advised that BMCL have proved that the transport hub works. DH advised that due to the design of the kerbs it had been suggested that there is potential for the buses to be damaged. The kerbs needed to be straight so that buses can dock – the curved design does not work. JB noted that there is a phasing issue re the start of the kerbs and buildings. PM advised that the NHS need confirmation that the revised proposal is workable i.e. no impact on starpipe, etc. If workable then a separate discussion re costs can happen at a later date. DS advised that he would liaise with AK re stage 3A works and will thereafter provide the documents to NHS and arrange a meeting to discuss.	
			24/10/2013 31/10/2013	DS asked to produce a key issues list for PM prior to this meeting. Costing not required at this time. DH confirmed receiving the BMCL feedback and recognised the challenges. A further meeting with SPT and GCC had taken place and a revised solution had been discussed. The revised solution was being checked through by the NHS Team and would be provided to BMCL in due course. DH provided an overview of the proposed revised changes. DH noted that he raised the query re RCC resubmission with GCC and confirmation was awaited. DH noted that as long as the RCC resubmission was not required that the additions and omissions should (or be very close to) balance out. DH agreed to liaise with DS. The revised information would be issued via a PMI to BMCL.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 06/11/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013  17/01/2013 24/01/2013  31/01/2013  07/02/2013 14/02/2013	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage. DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost DP noted this was WIP and that there was a programme for the other areas. DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included. DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4. IP was to be requested to confirm to DP that Nicola had requested no further changes. DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock	

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			through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.
		21/02/2013	Progressing on programme
		28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.
		06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.
		14/03/2013	AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.
		04/04/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
		11/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
		17/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
		25/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
		02/05/2013	DP agreed to chase the proposal
		16/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
		24/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room. DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
		06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
		13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
		20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
		27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.
		04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.
		11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement
		18/07/2013	Instruction given to Mercury today and programme will be issued
		25/07/2013	DP advised that the design was wip and a programme for the works would be issued asap. DP

			<p>01/08/2013 08/08/2013 15/08/2013 05/09/2013 19/09/2013 26/09/2013 03/09/2013 10/10/2013 24/10/2013</p>	<p>advise that BMCL would liaise with IP re the works. PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement. DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends. DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week. DP noted that the final proposal was with IPowrie for agreement. GW noted this was WIP and he was unsure if DP had received a reply from IP DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited. DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013. <b>On schedule</b></p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013 24/05/2013 06/06/2013 13/06/2013 20/06/2013 27/06/2013 04/07/2013</p>	<p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc</p> <p>DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.</p> <p>DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.</p> <p>AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.</p> <p>AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.</p> <p>AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS</p>	

			11/07/2013	advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			18/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			25/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
				AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.
			05/09/2013	DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.
			12/09/2013	PM advised that he had appointed C&B to carry out a feasibility study.
			19/09/2013	PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.
			26/09/2013	DH advised that he will liaise with SMcKechnie on his return from leave (1st Oct 2013).
			03/10/2013	PM advised that WW are still working on the design as SMcKechnie has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.
			10/10/2013	PM advised that WW had undertaken a site visit on 8/10 and are currently in the process of finalizing their report. PM anticipated that it would be circa 3 weeks until the NHS will be in a position to confirm the way forward. AK noted that there were no issues with this timeline.
			17/10/2013	DH advised that he would meet with SMcKechnie on 18th October for an update on findings. PM enquired if BMCL were ok with the timing for receiving confirmation of the way forward and AK advised that the O <sub>2</sub> works were to be carried out. DH enquired if BMCL had carried out any scans in that area and AK confirmed that they had not carried out any scans in that area as yet.
			24/10/2014	This is not concluded and it is unlikely to connect to the neonatal as to connect to an older system will have its own issues. A more likely route is to cross “Lollipop Lane” and terminate close to the

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			<p>necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24" monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</li> <li>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</li> </ol> </li> <li>2. In the 9no Children's Theatres <ol style="list-style-type: none"> <li>a) All as above, plus</li> <li>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</li> </ol> </li> <li>3. As an option, to replace the above in 4no children's theatres with: <ol style="list-style-type: none"> <li>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</li> </ol> </li> </ol> <p>22/08/2013 29/08/2013 05/09/2013 12/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2013</p> <p>DMF noted that BMCL were working through the detail of this PMI. DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team. GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom. DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes. DH noted that the costs were under review by the NHS Team. GW advised that BMCL had received a response which required to be reviewed. DMF noted this was work in progress. DH advised that he had reviewed the revised costs received earlier that week and would discuss with PM and DL to identify/agree the way forward.</p> <p>It was noted a meeting was scheduled for this pm to take forward. Instruction for 25 theatres with</p>	
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				<b>4 in NCH on hold until OR1 issues is clarified</b>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013 03/10/2013 10/10/2013 24/10/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. <b>Building Control information is awaited</b>	
2252	PMI 249	Adult and Children's Hospitals - Endoscopy Decontamination Suite	25/09/2013  26/09/2013 10/10/2013 24/10/2013	The Board confirm changes to rooms DCT-006 and DCT-010 Due to the extended procurement process for endoscopy washers and the urgent requirement to progress the works in the above areas, the Board proposes to omit the following works from the main contract. 1) Installation of 2 No. pass through hatches (HAT 1000) (hatches to be provided free issue). 2) Internal partition providing sealed separation of DCT-006 and DCT-010 including openings for washers and pass through hatches. Note: this partition would be double walled to provide flush finish on both sides. In addition, the following works should be deferred until the washer procurement has been completed and final service connection details are available. 3) Construction of a plinth to accommodate drainage. 4) Installation of drainage including individual trapped wastes. 5) Connection of extract ventilation from individual washers to wider ventilation system. In order to progress the remaining works, the ceiling and floor finishes should be progressed in accordance with the attached sketch, which confirms that vinyl should be continued under the proposed plinth. The 1200mm soffit constructed in moisture resistant plasterboard should be installed at the same level as the general ceiling with access maintained to the area above, via the adjacent ceiling for future ventilation/services connections. DH advised that before raising this PMI this issue had been discussed with DWilson and JMiller. Any issues please discuss with DH. It was noted this is WIP <b>BMCL to accept then this item can be closed off</b>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under	



			17/10/2013	the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACflooding will carry-out the works.	
			24/10/2013	Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to be checked for clarity	
			31/10/2013	DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill.	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others	
			24/10/2013	Price is awaited from Mercury on data and power install within the cabin	
			31/10/2013	DMF advised that he would pursue Mercury for the price information	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these.	
			31/10/2013	DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres.	
2310	PMI 253	MRI Control Room Floor Upfill	04/11/2013	The Board confirm that the floors of MRI Control rooms, listed below, should be up-filled with concrete to finish level with the general finished floor level ready to receive vinyl in accordance with the agreed finished schedule. A short length of floor trunking, 150mm wide x min 80mm deep should be installed on the viewing window wall from the corner of the room to the centre of the window as shown on the attached mark-ups to facilitate cable entry from the MRI room itself should this be required by the Group 5 specialist supplier.	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response. <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> </ul>	

				<p>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</p> <p>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</p> <p>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</p> <p>* Altered road markings</p> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p>	
2318	PMI 255	NCH ED - Bedhead buffer/docking	06/11/2013	<p>Bedhead buffer/docking code 'BED7001' appears to have been omitted from the following bed bays in NCH ED:- * EMC - 023 * EMC - 087 * EMC - 025 Please fit BED7001 in line with the agreed room elevations NA-SZ-XX-AS-400-633 and NA-SZ-XX-AS-400-207</p>	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- 1) MRI Shielding – DH noted that he had received the tender doc which appeared to be a quote rather than a spec and enquired if the calcs were still to be provided. GW advised that the full contract could not be provided without giving information and that BMCL were proposing to award a consultancy contract so way forward can be agreed with NHS reps. AS noted that BMCL needed to have a full understanding of what was to be done before meeting with NHS reps. GW advised that the 2 specialist had provided almost the same proposals. DS suggested that the process to agree the way forward should be discussed. DH comments that the basement cannot be considered as in a controlled zone. PM suggested that the calcs should be discussed with Capita. AS noted that this would need to be discussed with Michael Bradnam. DH advised that he had been unable to locate the slab recess drawings (13/06/2013) AS advised that a 1.5T machine would be transferred however DH was future proofing for a 3T machine. PM noted that the ERs stated that the shielding was to be for a 3T machine. It was noted that if put in steel for a 3t machine that this is not good for a 1.5t machine. AS agreed to liaise with DH and a response would be provided to BMCL by w/e 28/06/2013. DH advised that there was an internal meeting to be had with John Foster and then meeting with BMCL consultant. AS requested that BMCL ask their consultant if he can determine the shielding if don't know the strength of the magnet. DH advised that the BMCL consultant should be asked that if shielding for a 3T machine is installed whether there are any implications should a 1.5T machine be installed instead. GW advised that the BMCL drop dead date is August 2013. GW agreed to liaise with the consultant and provide a response asap. (27/06/2013) It was noted that a meeting with BMCL consultant had been scheduled for 9/07/2013. The NHS were awaiting confirmation of the implications of 3t shielding on a 1.5T machine. GW advised that Bob Nethery was awaiting feedback. DH advised that he was hoping to get an internal meeting in advance of the EEP meeting. DS agreed to liaise with Bob Nethery and requested that the NHS provide a list of queries. RPA – DH advised that he had received an email from AB advising of issues with door jams therefore RPO only able to carry out tests in one area however the visit had went well. (04/07/2013). Modified proposals response due in 2 weeks and to be approved by users (John Foster), Proposals are awaited (18/07/2013) DS advised that he would chase up the proposals (25/07/2013) DH noted that proposals are awaited – informed that there had been a problem with the calcs. Need to get info to John Foster ASAP so he doesn't lose confidence. DH advised that there is a query re shielding/rooms which sits over the large freezer (1<sup>st</sup> floor NCH and another room at the top end). (01/08/2013) DH noted that the proposals had been submitted earlier that week. A flaw had been identified in relation to 1 room and a revised proposal was awaited by lunchtime 09/08/2013. DS was requested to confirm the deadline date for the return of the info to BMCL. DH advised that he would set-up the meeting on the 26<sup>th</sup> as soon as he gets the doc. (08/08/2013) SF noted that meeting with RNethery and JMiller organised (22/08/2013) DH noted that 20<sup>th</sup> September is the proposed date and confirmation is awaited that Ian King can attend. DH would try to get info from John Foster in advance of the meeting. DS requested confirmation that the information was currently being reviewed by John Foster. (29/08/2013) GW noted that the cost info had been received and the design info

would be checked against the design info provided to JFoster. DH advised the NHS had provided information re 3 machines at the outset of the project. DH was awaiting the confirmation of the 20<sup>th</sup> September meeting timing. DS enquired if there was any benefit to be had re difference in shielding versus purchase of other machines. DH suggested that this would not be possible and DS requested that this be considered. DH noted that the parameters provided to BMCL will be provided to the market. (05/09/2013) DH advised that the revised document had been received, JFoster had now returned back from leave and DH would get JFoster to review the revised document. Meeting to be scheduled on the 20<sup>th</sup> Sept - DH would try and get early feedback from JFoster in advance of the meeting. DH would discuss the shielding requirement for the Siemens versus GE and Philips. (12/09/2013). PM advised that confirmation was still awaited from JFoster re revised meeting date as 20<sup>th</sup> Sep is now not possible. GW requested that a PMI be provided to confirm BMCL requirements re concrete fill/screed to the MRI room (19/09/2013) DH advised that he was expecting a response from JFoster on the 1<sup>st</sup> October – Jfoster indicating that earliest opportunity for a meeting is 14<sup>th</sup> October 2013. DH expected to be able to confirm the floor requirements. (26/09/2013) GW enquired who from the NHS was pushing for the MRI info so that BMCL can do the infill works – BMCL awaiting PMI. DR advised that he had a draft PMI to be reviewed by JMcGarrity prior to issue via Sypro. PM advised that JMcG was in the process of checking the Siemens transfer requirements. (03/10/2013) PM advised that a meeting to discuss the MRI rooms had been scheduled for later that day. PM had information for 3 of the rooms. Confirmation of the density of the steelwork is awaited by the NHS (this is being progressed by WSP via GBurnett). PM noted that he proposed to issue information for 3 rooms later that day. A discussion re the containment in the ceilings was required. DP suggested that KHall and RNetherey should do an on-site visit with the NHS to agree the rooms. PM agreed to liaise with FW. AK noted that AFe may need to be present on the site visit. (10/10/2013) DH advised that the issue re the MRI room on the adult ground floor was that the 5 gauss line extended into the corridor and there had been a note on the drawing provided by BMCL which advised that that there was an alternate proposal. This item needs to be concluded however it was proposed to move the machine by 50mm. DP suggested that FW and AStevens may already have visited the site. PM advised that there had been a meeting with FW and AStevens but there had not been a site visit. DP advised that he would liaise with AStevens for an update. PM advised that he would organize a walkround. It was understood that GFW had marked up drawings to give to BMCL (17/10/2013). PM advised that he had issued an email to DP to confirm that mobile xray machines (not ceiling mounted) will be used in adult resus. (10/10/2013) DP noted that he had received confirmation that gantries would not be required in the NCH Resus. PM advised that he would provide a PMI to confirm the omission. (17/10/2013). Walk rounds being arranged should clarify and resolve any questions raised on mobile positions and power and data (24/10/2013) **DH suggested that this item could be closed as he was not aware of any outstanding MRI issues. (31/10/2013)**

- 2) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 3) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legels are currently reviewing the legal info from AOS ( 15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification,

accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). **Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled.**



- 4) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). **GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnstone are liaising to progress and also with FES/BMCL (24/10/2013)**
- 5) Ground Water Monitoring - CE for current extension to be wrapped up in negative CE for stopping the further monitoring. DH noted that he understood that a verbal response had been received from GCC however the report needed to be finalized and submitted to GCC therefore EW should remain open. DS advised that the liner to the suds pond requirements (Stage 3a) were to be identified. The Alex Lee final report was being concluded and would be submitted to GCC in due course. BMCL were as confident as can be that GCC are happy that the monitoring does not need to be continued. 01/08/2013 DS advised that the report had been provided to GCC and formal feedback awaited. SF and GW to liaise re compensation event for the 3 no. additional monthly monitoring. 08/08/2013 Response awaited from GCC 15/08/2013 DS noted that BMCL would continue to push GCC for a response (22/08/2013) DS noted that the GCC reps was on leave however BMCL had left a message for the rep to call asap (12/09/2013) Response from GCC advising that information has been lost however when they receive a further copy of the information would be recommending that the monitoring can stop. (19/09/2013) GW advised this was WIP – formal confirmation awaited from GCC (26/09/2013) DS advised that he was checking out the planning condition to check that the condition can be discharged (10/10/2013). Letter is anticipated from Glasgow City Council and it was noted that this could be closed out (24/10/2014) **It was agreed that this item could be closed as letter received from GCC. A wrap-up CE for the Ground Water monitoring would be issued in due course by the NHS Team. (31/10/2013)**
- 6) **Finish to area at the NCH wall to atrium – PM asked what the finish was intended to be now that the “feature” has been removed. BMCL – line and paint as part of the design development therefore no cost implications. PMI to be written up by PM (24/10/2013)**
- 7) **Switches – DH raised the issue of £125K worth of additional switches having to be purchased by the Board for the hospitals. DP – it was a developing design and only best estimate information given to NHS for their tender. DP noted he was undertaking an audit to ascertain where the additional switches are required and what the key additions are for, and this information will be forwarded to DH. DP noted that it was known as an estimate and it was understood by all that it would change by either up or down in numbers. Unfortunately no possibility of reducing the total point count however configurations will be reviewed to ensure appropriate switches are purchased. (24/10/2013)**
- 8) **Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013)**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 13/11/2013:

<div style="float: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final	

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			<p>22/08/2013</p> <p>29/08/2013</p> <p>05/09/2013 12/09/2013</p>	<p>proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul> <p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about.</p> <p>DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also</p>	
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			<p>be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p> <p>19/09/2013 PM provided the following update:  Car Park –HMc will progress these  3<sup>rd</sup> floor – FW to return by 23/09  Fire Plans – DH to return by 23/09  Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only  Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.  Door Type schedule – HM progressing this  Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.  Medical Air &amp; Vacuum – with ISandford.</p> <p>26/09/2013 DH provided the following update:  Medical Gas calcs – to be noted on register as 'For Info'  Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds  Car Park – info returned on 25/09  Gillespies - info returned on 25/09  Fire Design – WIP – will return by end of week  Remaining drawings – to go back as D status and covered by a PMI</p> <p>03/10/2013 PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>10/10/2013 DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>17/10/2013 DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>24/10/2013 2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3</p>	
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			<p>31/10/2013</p> <p>07/11/2013</p>	<p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>• One group of M&amp;E information which was to be returned later that day.</li> <li>• CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>• Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul>	
19183	BMCL-EWN-137	VIE Foundation Design	<p>05/09/2013</p> <p>12/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p>	<p>Further to carrying out recent bore hole survey at the new VIE location, it has become apparent that we now require a piled solution due to existing ground conditions. It was previously anticipated that this would be a raft slab solution. We will advise cost and programme implications in due course</p> <p>Noted that BMCL seeking alternate piling solution. Once BMCL have a technical response will discuss this with the NHS. DH advised that he had met with JMurray and would discuss with PM on return from leave.</p> <p>WIP – BMCL are in discussions re piling solution.</p> <p>AK advised that BMCL were getting responses from Contractors – the prices were mainly based on driven piles – 3 day operation. PM raised concern about having driven piles – there were no driven piles on the main build so as not to impact the operational site and neighbours. AK noted that at this time he did not have detail as to whether the driven piles were to be hammered in or pushed in. There would be circa 24 piles in total. It was anticipated that the works would commence mid October. PM noted that planning permissions had been granted.</p> <p>GW advised that AK is meeting with the piling contractor (MJ Piling) to identify a site to visit. DH noted the JM had mentioned Roger Boulevant – there may be a disconnect between the Design Team and Construction team. PM advised that there has always been concern re impact driven piles. GW noted that the Board SI info provided is 20m away and WSP have advised that it is the worst ground conditions found on site. DR noted that BMCL would need to demonstrate that the ground conditions are materially different. BMCL need to put forward a case for driven piles. GW noted that he understood that AK is in discussion with MJ to identify a site for the NHS to visit. It was acknowledged that the piling is a defined cost and that the NHS would not want to spend more money than needs to.</p> <p>AK advised that he was awaiting info re other jobs in Scotland – will chase this up. BMCL propose to commence the works on 28<sup>th</sup> Oct. (PM agreed to provide AK with a copy of a recent complaint).</p> <p>AK advised that he would chase up the sub-contractor for confirmation of date for a site visit. PM enquired if the NHS could be provided with the sub-contractor method statement for the piling works. PM requested that BMCL provide an overview list of the benefits of progressing this type of piling solution.</p> <p>JB advised that the MJ piling order is ready to issue noting that the NHS Team accepted the piling solution. PM advised that the piling method was accepted in principle however ask that the piling works</p>	07/11/2013

			<p>24/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p>	<p>do not start on site before 9am noting that there is potential for the works to have to stopped. AK advised that BMCL needed to get the result of 1 static test. PM advised that he would liaised with HMcDerment re providing a communication to the hospital site. AK advised that he would liaise with CDunlop to communicate with neighbours. AK noted that a meeting needed to be brokers with the neighbours as DHalliday was no longer the neighborhood rep. PM advised that he would attend the meeting as the NHS Rep. AK advised that he would confirm to PM the start on site date for the works.</p> <p>AK noted that piling would commence on Monday 18<sup>th</sup> November. Site would be required 1 week prior in order to erect secure hoarding. AK is in discussions with SGH FM staff and HMcD on requirements. Piling programmed to complete within week. Neighbours will be informed via MMCA/PM. Clarity on the hammer weight either 2 ton or 3 ton – AK will clarify this along with the arrangements for neighbourhood meeting.</p> <p>DH advised that confirmation was awaited re size of hammer i.e. 2 tonne or 3 tonne. PM noted that discussion with the residents had taken place. PM acknowledged that it was accepted that BMCL will put blankets around the heras. It was proposed that the neighbours would be notified that the works are due to be progressed.</p> <p><b>Noted that BMCL had confirmed will be a 2 tonne hammer – agreed item could be closed.</b></p>	
20082	BMCL-EWN-13	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p><b>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</b></p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p>	
19335	NHS EW 050	Alterations to Arrival Square to achieve workable bus stop geometry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013	<p>Following a visit to site, Strathclyde Partnership for Transport (SPT) have identified that the large radius bus lay-by to the north-east of the adult entrance would be incompatible with the majority of vehicles and would not allow parallel parking to the kerb to enable easy access for all passengers. As they understand the advanced stage of the project and in the knowledge that major changes to the layout are not possible, they have reviewed the operation of the area, in light of Fast-link developments, in order to assist the design team and have proposed alterations to achieve a workable solution for all stakeholders. The attached mark-up indicates their proposed solution.</p> <p>GW noted that RNetherey had reviewed the warrants and has some queries to be discussed with DS before putting back to the NHS.</p> <p>DH advised that a pre-meeting was scheduled for the 10<sup>th</sup> October and feedback from BMCL is required for this meeting. The NHS will meet with SPT at the end of October 2013.</p> <p>PM noted that feedback from BMCL is awaited. AK advised he would review the drawing. DMF noted that RNetherey was progressing this item. AK advised that he had undertaken a review of the landscaping and BMCL propose to complete the areas starting with south, then east, then west so this area is the last area to be done.</p> <p>DS advised that a response was awaited from WSP re compliance and costs associated with the SPT proposals. PM noted that the changes would need to be balanced i.e. taking out 2 sets of lights, etc. JB noted that BMCL are working to the agreed red line boundary drawing re street lighting however have</p>	06/11/2013

			<p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p>	<p>concern that GCC will request additional street lighting out-with the red line boundary drawing. PM advised that the NHS concern re the SPT proposals is the potential impact on the star pipe, etc. The NHS need to understand the implications of the proposals.</p> <p>DS advised that he had met with the engineering and landscape architects and had an idea of the costs for the consultants and the associated costs involved with the change. DS suggested that a separate meeting to discuss the changes and costs should be held. DS advised that there was a query regarding the potential need to redo the RCC. Consideration needed to be given to the bus stacking. PM advised that to accommodate the bus stacking it was expected that BMCL would need to reprofile the road. DH advised that the proposals had been discussed in a joint SPT, GCC and NHS meeting to resolve the issue and the RCC may need to be amended however it was thought that GCC would not have any issues and that GCC were not adopting the roads. DS advised that BMCL have proved that the transport hub works. DH advised that due to the design of the kerbs it had been suggested that there is potential for the buses to be damaged. The kerbs needed to be straight so that buses can dock – the curved design does not work. JB noted that there is a phasing issue re the start of the kerbs and buildings. PM advised that the NHS need confirmation that the revised proposal is workable i.e. no impact on starpipe, etc. If workable then a separate discussion re costs can happen at a later date. DS advised that he would liaise with AK re stage 3A works and will thereafter provide the documents to NHS and arrange a meeting to discuss.</p> <p>DS asked to produce a key issues list for PM prior to this meeting. Costing not required at this time.</p> <p>DH confirmed receiving the BMCL feedback and recognised the challenges. A further meeting with SPT and GCC had taken place and a revised solution had been discussed. The revised solution was being checked through by the NHS Team and would be provided to BMCL in due course. DH provided an overview of the proposed revised changes. DH noted that he raised the query re RCC resubmission with GCC and confirmation was awaited. DH noted that as long as the RCC resubmission was not required that the additions and omissions should (or be very close to) balance out. DH agreed to liaise with DS. The revised information would be issued via a PMI to BMCL.</p> <p>Item closed as PMI 254 issued on 06/11/2013</p>	
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# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 13/11/2013

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	<p>21/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p> <p>24/01/2013</p> <p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p> <p>21/02/2013</p> <p>28/02/2013</p> <p>06/03/2013</p> <p>14/03/2013</p> <p>04/04/2013</p> <p>11/04/2013</p> <p>17/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p>	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>DP agreed to chase the proposal</p> <p>DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that</p>	

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			<p>16/05/2013 24/05/2013</p> <p>06/06/2013 13/06/2013</p> <p>20/06/2013 27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013 25/07/2013</p> <p>01/08/2013 08/08/2013</p> <p>15/08/2013</p> <p>05/09/2013</p> <p>19/09/2013 26/09/2013 03/09/2013</p> <p>10/10/2013 24/10/2013 07/11/2013</p>	<p>the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>Agreed way forward – BMCL to plan and implement</p> <p>Instruction given to Mercury today and programme will be issued</p> <p>DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP.</p> <p>Consideration was being given to carrying out the works over weekends.</p> <p>DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>DP noted that the final proposal was with IPowrie for agreement.</p> <p>GW noted this was WIP and he was unsure if DP had received a reply from IP</p> <p>DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.</p> <p>DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013.</p> <p>On schedule</p> <p>DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013</p> <p>24/05/2013</p>	<p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what can be done. AK noted that the works could not be done just now as BMCL were due to commence</p>	

			06/06/2013	works to install the duct w/c 27/05/2013. AK would have to review level differences, etc DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.
			13/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.
			20/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.
			27/06/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.
			04/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			11/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			18/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
			25/07/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			01/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			08/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			15/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			22/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.
			29/08/2013	DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and would confirm their appointment shortly. Once WW have review has been undertaken an



			<p>05/09/2013 instruction will be provided to BMCL.</p> <p>12/09/2013 DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.</p> <p>19/09/2013 PM advised that he had appointed C&amp;B to carry out a feasibility study.</p> <p>26/09/2013 PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.</p> <p>03/10/2013 DH advised that he will liaise with SMcKechnie on his return from leave (1<sup>st</sup> Oct 2013).</p> <p>10/10/2013 PM advised that WW are still working on the design as SMcKechnie has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.</p> <p>17/10/2013 PM advised that WW had undertaken a site visit on 8/10 and are currently in the process of finalizing their report. PM anticipated that it would be circa 3 weeks until the NHS will be in a position to confirm the way forward. AK noted that there were no issues with this timeline.</p> <p>24/10/2014 DH advised that he would meet with SMcKechnie on 18<sup>th</sup> October for an update on findings. PM enquired if BMCL were ok with the timing for receiving confirmation of the way forward and AK advised that the O<sub>2</sub> works were to be carried out. DH enquired if BMCL had carried out any scans in that area and AK confirmed that they had not carried out any scans in that area as yet.</p> <p>31/10/2013 This is not concluded and it is unlikely to connect to the neonatal as to connect to an older system will have its own issues. A more likely route is to cross "Lollipop Lane" and terminate close to the junction between the Neo-natal and Maternity buildings. BMCL will complete the pipework and valve off and pressure test and the pipe ends for connection will be located within a chamber for future connection. A PMI to be issued to that effect once the strategy has been ratified.</p> <p>13/11/2013 DH advised this was WIP with DH, IP and Wallace Whittle and would provide an update w/c 04/11/2013.</p> <p>DH advised this was WIP. DH had drawings for Maternity and WW are confirming that the room can take the plant. AK advised that BMCL needed to be provided with an instruction for any works by end of November so that works can be co-ordinated.</p>	
2164	PMI 246	A&C Hospitals - Surgical Image Viewing - Theatres (20 Adult + 9 Children's)	<p>14/08/2013 The PMI replaces PMI 229, which should be cancelled following the work undertaken to confirm that the proposed monitor arm is indeed capable of accommodating the various AV power cables required to achieve the necessary connections.</p> <p>The Board request separate costs for those additional items which are required to complete the necessary connections, which are as follows:</p> <ol style="list-style-type: none"> <li>1. In the 20no Adult Theatres <ol style="list-style-type: none"> <li>a) 1 x S-Video cable for operating light SD camera – un-terminated (Note: SD operating light camera to be cabled direct to the monitor and not via a wall mounted output) – this item is included within the current scope and is not additional</li> <li>b) 1 x Cat5 cable - proposed for DVI over Cat5 – un-terminated (requires converters).</li> <li>c) 1 x SDI cable - proposed for auxiliary SDI input</li> <li>d) 1 x 24V power cable (6mm) - 24" medical grade monitor – un-terminated – this item is included within the current scope and is not additional</li> <li>e) 1 x SDI or CAT5 for PACs. Eventual cable type will be determined by what inputs the 24"</li> </ol> </li> </ol>	30/10/2013

				<p>monitor can accommodate. Preference from DH/JM was SDI as more flexible in terms of functionality but also smaller in diameter and probably a little easier to work with and longer lasting. This should include the necessary hardware to ensure that the PACs images are orientated consistently on both the surgeons' panel and the monitor mounted on the operating light arm.</p> <p>f) Plates for AV connections on the pendant with plates for DVI and SDI sockets for b) &amp; c) above.</p> <p>2. In the 9no Children's Theatres</p> <p>a) All as above, plus</p> <p>b) these theatres have at least two screens, one on theatre light anchorage and one on arm mounted on surgical pendant. Only PACs image not required on pendant mounted arm. Location and operation of splitters to be advised and costed.</p> <p>3. As an option, to replace the above in 4no children's theatres with:</p> <p>a) Conversion of AV signals, in 1a, 1b, 1c and 1e above to single high quality signal. Display on monitors (possibly up to 3 monitors) via unified modular video input system. Control panel for selection of inputs to be mounted in, or next to, the surgeons' panel. System to be capable of multiple outputs. (users to select source of input to each monitor independently)</p> <p>22/08/2013 DMF noted that BMCL were working through the detail of this PMI.</p> <p>29/08/2013 DMF advised that he was meeting with AMoore (Mercury) later that day and he would obtain an update re the mercury review</p> <p>05/09/2013 DMF noted that Mercury were liaising with Starkstrom and he would progress this item. JB noted that there was now a clear direction. DH noted that there was still a decision to be made by the NHS Team.</p> <p>12/09/2013 GW advised that BMCL are chasing Mercury and Mercury are chasing Starkstrom.</p> <p>19/09/2013 DP advised that the quote had been received back from Mercury however BMCL needed to review. Early indication is £13k – adult theatre and £23k – NCH theatre. GW noted that FW had previously proposed utilizing the money released from the ophthalmology and ENT desk changes.</p> <p>26/09/2013 DH noted that the costs were under review by the NHS Team.</p> <p>03/10/2013 GW advised that BMCL had received a response which required to be reviewed.</p> <p>10/10/2013 DMF noted this was work in progress.</p> <p>17/10/2013 DH advised that he had reviewed the revised costs received earlier that week and would discuss with PM and DL to identify/agree the way forward.</p> <p>24/10/2013 It was noted a meeting was scheduled for this pm to take forward. Instruction for 25 theatres with 4 in NCH on hold until OR1 issues is clarified</p> <p>30/10/2013 <b>Cross reference PMI 252 – Item closed</b></p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p>	

			19/09/2013 03/10/2013 10/10/2013 24/10/2013 07/11/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. <b>Building Control information is awaited</b> <b>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</b>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013  17/10/2013  24/10/2013  31/10/2013 07/11/2013	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. <b>It was agreed this item was now closed.</b>	07/11/2013
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013 24/10/2013 31/10/2013 07/11/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information <b>GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin.</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013  31/10/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these. DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres.	Cross reference PMI 246

			07/11/2013	DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DS agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS.	
2310	PMI 253	MRI Control Room Floor Upfill	04/11/2013	The Board confirm that the floors of MRI Control rooms, listed below, should be up-filled with concrete to finish level with the general finished floor level ready to receive vinyl in accordance with the agreed finished schedule. A short length of floor trunking, 150mm wide x min 80mm deep should be installed on the viewing window wall from the corner of the room to the centre of the window as shown on the attached mark-ups to facilitate cable entry from the MRI room itself should this be required by the Group 5 specialist supplier.	
			07/11/2013	Confirmed as WIP	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p>	
			07/11/2013	Noted that BMCL will review the PMI and provide feedback.	
2318	PMI 255	NCH ED - Bedhead buffer/docking	06/11/2013	Bedhead buffer/docking code 'BED7001' appears to have been omitted from the following bed bays in NCH ED:- * EMC - 023 * EMC - 087 * EMC - 025 Please fit BED7001 in line with the agreed room elevations NA-SZ-XX-AS-400-633 and NA-SZ-XX-AS-400-207	
			07/11/2013	DH noted that this appeared to be an oversight on the nightingale drawings. DS advised that BMCL would do. DH noted that this was an equipment list change therefore needed to be added onto the drawings so is counted.	
2326	PMI 256	New Children's Hospital - Soffit to Medicinema	13/11/2013	<p>Confirmation of finish to concrete wall at soffit</p> <p>In lieu of globe feature, run through metal lathing and plasterboard finish to soffit and face of Medicinema and finish with paint specification as per surrounding area.</p>	

CE for Ground Water monitoring to be concluded

**Other items that require discussion:**

- 1) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 2) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legels are currently reviewing the legal info from AOS ( 15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). **Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013)**
- 3) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). **GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013)**

- 4) Finish to area at the NCH wall to atrium – PM asked what the finish was intended to be now that the “feature” has been removed. BMCL – line and paint as part of the design development therefore no cost implications. PMI to be written up by PM (24/10/2013) **PM noted that confirmation of way forward re plaster board at children’s ball to be provided by NHS. (07/11/2013)**
- 5) Switches – DH raised the issue of £125K worth of additional switches having to be purchased by the Board for the hospitals. DP – it was a developing design and only best estimate information given to NHS for their tender. DP noted he was undertaking an audit to ascertain where the additional switches are required and what the key additions are for, and this information will be forwarded to DH. DP noted that it was known as an estimate and it was understood by all that it would change by either up or down in numbers. Unfortunately no possibility of reducing the total point count however configurations will be reviewed to ensure appropriate switches are purchased. (24/10/2013) **DP advised that the issue had been reviewed in detail. The point count was marginally down - switches been procured as small, medium and large. In circa 6 locations there had been a change to the switch requirements from medium to large. In the locations where the point count was down it was not enough of a decrease to change from the larger switch to a smaller size switch. A number of points had been rationalized. Impact had been reduced by 40-50%. Item closed for BMCL and BMCL understand that Capita are working with the NHS to resolve (07/11/2013)**
- 6) Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) **PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL’s intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013)**
- 7) **Group 5 Specialist Areas Containment – GW advised that he had provided a response to PM. DH noted that the NHS needed to understand the intent i.e. ceiling grids not up. PM advised that information would be provided on a room by room basis and suggested that BMCL and NHS carry out a site walkround (07/11/2013)**





**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 20/11/2013:

<div style="float: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final	

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			<p>22/08/2013</p> <p>29/08/2013</p> <p>05/09/2013 12/09/2013</p>	<p>proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul> <p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about.</p> <p>DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also</p>	
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			<p>be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p> <p>19/09/2013 PM provided the following update:  Car Park –HMc will progress these  3<sup>rd</sup> floor – FW to return by 23/09  Fire Plans – DH to return by 23/09  Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only  Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.  Door Type schedule – HM progressing this  Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.  Medical Air &amp; Vacuum – with ISandford.</p> <p>26/09/2013 DH provided the following update:  Medical Gas calcs – to be noted on register as 'For Info'  Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds  Car Park – info returned on 25/09  Gillespies - info returned on 25/09  Fire Design – WIP – will return by end of week  Remaining drawings – to go back as D status and covered by a PMI</p> <p>03/10/2013 PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>10/10/2013 DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>17/10/2013 DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>24/10/2013 2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3</p>	
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			<p>31/10/2013</p> <p>07/11/2013</p> <p>17/11/2013</p>	<p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>• One group of M&amp;E information which was to be returned later that day.</li> <li>• CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>• Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <p>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</p> <p>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</p> <p>c) Pharmacy Cupboard – PM progressing</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3</p> <p>3.15 Node ICT server room cooling</p> <p>3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e.</p>	

number of ports on the unit or number of active ports.

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 20/11/2013

							
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p>			

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 20/11/2013

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	<p>21/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p> <p>24/01/2013</p> <p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p> <p>21/02/2013</p> <p>28/02/2013</p> <p>06/03/2013</p> <p>14/03/2013</p> <p>04/04/2013</p> <p>11/04/2013</p> <p>17/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p>	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>DP agreed to chase the proposal</p> <p>DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that</p>	

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			<p>16/05/2013 24/05/2013</p> <p>06/06/2013 13/06/2013</p> <p>20/06/2013 27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013 25/07/2013</p> <p>01/08/2013 08/08/2013</p> <p>15/08/2013</p> <p>05/09/2013</p> <p>19/09/2013 26/09/2013 03/09/2013</p> <p>10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013</p>	<p>the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.</p> <p>DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.</p> <p>DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>DP advised that he would chase up who is doing what and when it is planning to be carried out.</p> <p>DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.</p> <p>DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.</p> <p>This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.</p> <p>Agreed way forward – BMCL to plan and implement</p> <p>Instruction given to Mercury today and programme will be issued</p> <p>DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013</p> <p>Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP.</p> <p>Consideration was being given to carrying out the works over weekends.</p> <p>DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>DP noted that the final proposal was with IPowrie for agreement.</p> <p>GW noted this was WIP and he was unsure if DP had received a reply from IP</p> <p>DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.</p> <p>DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013.</p> <p>On schedule</p> <p>DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works.</p> <p>GW advised that the works were due to commence on 16/11/2013.</p>	
1978	PMI 217	MTHW System - Site ring	<p>22/05/2013</p> <p>24/05/2013</p>	<p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point at the site boundary adjacent to Neo-natal. The pipework should be extended up the fire path on the North Side of neo-natal and turned to the south at the north-west corner, for future extension to the maternity boiler house.</p> <p>The works should be programmed to coincide with the installation of the telecoms ducts which are due to be installed in this area, thus minimising disruption and cost.</p> <p>GW advised that he would provide a marked-up copy to DH which identifies what is there and what</p>	

			06/06/2013	can be done. AK noted that the works could not be done just now as BMCL were due to commence works to install the duct w/c 27/05/2013. AK would have to review level differences, etc
			13/06/2013	DH noted that the principle re what is wanted and expected to be done next year. AS raised concern that this may not fit with the NHS Cashflow. DP agreed to check with AK re indicative date for the works.
			20/06/2013	DH advised that the timing had been discussed with BMCL i.e. end phase of works (oxygen). AK advised that BMCL were liaising with the designers so can ensure all co-ordinated and minimize the need to remove trees.
			27/06/2013	AS proposed that a walk-round should be organized. PM advised that these discussions were tied into the AK drawing discussion. GW noted that the PMI requested that the works be carried out in conjunction with the data cabling works which could not be done as the data cabling works had already commenced.
			04/07/2013	AK noted that 1 of the boreholes will be in the way of the medium temperature hot water pipe (at Fire Road). DH noted that MTHW works should be aligned with the oxygen pipe works. AK noted that the oxygen works were down for be carried out this year. DP noted that the joints for the oxygen pipe will be accessible – a single pipe meets the regulations and the MGPS rep was ok with their only being 1 pipe. DH suggested that it made sense to put 2 pipes into the duct. AK advised that BMCL needed to look at the levels as have a 1m step. AS suggested that BMCL install 2 pipes for resilience. AS noted that he wanted to walk the route /proposals to the 2 boiler houses.
			11/07/2013	AS advised that he was still to have a walkround so can understand what needs to be done before instructing BMCL. AK noted that he did not want to dig up something that had been completed. AS advised that the works should not upset any BMCL completed works. AS agreed to confirm on either 8th/9th July the way forward.
			18/07/2013	DH and AS to take forward. Ring main after 2015 with link in for maternity – AS agreed to update BMCL
			25/07/2013	AS/DH and AK will walkround the proposed area on Friday 19th July and report back
			01/08/2013	AK advised that he would draw up a plan following the walkround discussions however AK would want written confirmation of what is required. AS advised that BMCL need to provide cost which will need to be provided to the NHS Board for approval. DH advised that he would provide a sketch and was checking out the viability later that day.
			08/08/2013	DH advised that he and IP were to carry-out an inspection of the roof. It was noted that BMCL were to do site investigations.
			15/08/2013	DH advised that he had undertaken a site visit and identified route and location for the plate heat exchangers in a redundant plantroom – info provided to PM. DH enquired when BMCL needed to have the works confirmed as he suggested that the NHS proposals would need a high level review by M&E consultant. AK advised that the BMCL were not being held up. AK would liaise with HMc re the services drawings. DH requested that BMCL provide an estimated date for when BMCL would want to carry out the works.
			22/08/2013	AK noted that the design needed to be sorted out and anticipated that the works would not be able to be carried out before Xmas. DP noted that DH was to confirm the connections. DH to be asked to provide an update on return from leave.
			29/08/2013	PM noted that progressing the NHS proposal was incumbent on PM to appoint a specialist to sense check the proposals. PM suggested that this exercise may take 2-3 weeks.
				DH advised he had met with Wallace Whittle (Glasgow) – he briefed them on the requirements and



			<p>05/09/2013 would confirm their appointment shortly. Once WW have review has been undertaken an instruction will be provided to BMCL.</p> <p>12/09/2013 DH advised that he had a proposal to discuss with PM on return from leave and thereafter would discuss with BMCL.</p> <p>19/09/2013 PM advised that he had appointed C&amp;B to carry out a feasibility study.</p> <p>26/09/2013 PM advised that the feasibility study was underway. It was anticipated that it would be circa 2 weeks before the NHS received the report/info back.</p> <p>03/10/2013 DH advised that he will liaise with SMcKechne on his return from leave (1<sup>st</sup> Oct 2013).</p> <p>10/10/2013 PM advised that WW are still working on the design as SMcKechne has been on leave. It was thought that AK was doing a survey of the soft ground. AK noted that the survey had not been undertaken as yet as was awaiting feedback from Wallace Whittle. PM advised that GT would provide feedback to WW that the information is needed for AK to progress works.</p> <p>17/10/2013 PM advised that WW had undertaken a site visit on 8/10 and are currently in the process of finalizing their report. PM anticipated that it would be circa 3 weeks until the NHS will be in a position to confirm the way forward. AK noted that there were no issues with this timeline.</p> <p>24/10/2014 DH advised that he would meet with SMcKechne on 18<sup>th</sup> October for an update on findings. PM enquired if BMCL were ok with the timing for receiving confirmation of the way forward and AK advised that the O<sub>2</sub> works were to be carried out. DH enquired if BMCL had carried out any scans in that area and AK confirmed that they had not carried out any scans in that area as yet.</p> <p>31/10/2013 This is not concluded and it is unlikely to connect to the neonatal as to connect to an older system will have its own issues. A more likely route is to cross "Lollipop Lane" and terminate close to the junction between the Neo-natal and Maternity buildings. BMCL will complete the pipework and valve off and pressure test and the pipe ends for connection will be located within a chamber for future connection. A PMI to be issued to that effect once the strategy has been ratified.</p> <p>13/11/2013 DH advised this was WIP with DH, IP and Wallace Whittle and would provide an update w/c 04/11/2013.</p> <p>20/11/2013 DH advised this was WIP. DH had drawings for Maternity and WW are confirming that the room can take the plant. AK advised that BMCL needed to be provided with an instruction for any works by end of November so that works can be co-ordinated.</p> <p>DH advised that he was working to provide the information before the end November target date.</p> <p>Cross ref PMI 257</p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	<p>16/09/2013 The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>19/09/2013 DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>03/10/2013 PM noted this was WIP.</p>	

			10/10/2013 24/10/2013 07/11/2013  14/11/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.  <b>Response awaited from Building Control</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013  24/10/2013 31/10/2013 07/11/2013  14/11/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin.  <b>GW advised that price information awaited from Mercury and he would pursue.</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013    31/10/2013 07/11/2013  14/11/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these. DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres. <b>DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS.</b> <b>DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL.</b>	Cross reference PMI 246
2310	PMI 253	MRI Control Room Floor Upfill	04/11/2013   07/11/2013 14/11/2013	The Board confirm that the floors of MRI Control rooms, listed below, should be up-filled with concrete to finish level with the general finished floor level ready to receive vinyl in accordance with the agreed finished schedule. A short length of floor trunking, 150mm wide x min 80mm deep should be installed on the viewing window wall from the corner of the room to the centre of the window as shown on the attached mark-ups to facilitate cable entry from the MRI room itself should this be required by the Group 5 specialist supplier. Confirmed as WIP <b>Agreed Item can be closed</b>	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.	

			07/11/2013 14/11/2013	<p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p>	
2318	PMI 255	NCH ED - Bedhead buffer/docking	06/11/2013  07/11/2013  14/11/2013	<p>Bedhead buffer/docking code 'BED7001' appears to have been omitted from the following bed bays in NCH ED:- * EMC - 023 * EMC - 087 * EMC - 025 Please fit BED7001 in line with the agreed room elevations NA-SZ-XX-AS-400-633 and NA-SZ-XX-AS-400-207</p> <p>DH noted that this appeared to be an oversight on the nightingale drawings. DS advised that BMCL would do. DH noted that this was an equipment list change therefore needed to be added onto the drawings so is counted.</p> <p>GW advised that Gradus had been instructed to do the works and the equipment list had been amended. It was agree this item could be closed.</p>	
2326	PMI 256	New Children's Hospital - Soffit to Medicinema	13/11/2013  14/11/2013	<p>Confirmation of finish to concrete wall at soffit</p> <p>In lieu of globe feature, run through metal lathing and plasterboard finish to soffit and face of Medicinema and finish with paint specification as per surrounding area..</p> <p>It was agree this item could be closed.</p>	
2330	PMI 257	MTHW System – Site Ring	20/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p>	

CE for Ground Water monitoring to be concluded

**Other items that require discussion:**

- 1) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 2) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013) **JB noted that he would write to CUK/AOS seeking a meeting urgently as the NHS are putting pressure on BMCL saying that they will not be paying for the security services. (14/11/2013)**
- 3) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) **GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for**



all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. The NHS are expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013)

- 4) Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013)
- 5) YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013)
- 6) Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)
- 7) PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps..

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 27/11/2013:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final	

			22/08/2013	proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.
			29/08/2013	<p>PM noted provided an update re the RDD Workflow report:  Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL  Desk locations – WIP by FW and he would try to push this on  Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms  DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>
			05/09/2013 12/09/2013	<p>DH advised that there were no outstanding drawings of significance on the list.  DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about.  DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.  PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also</p>




			<p>be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p> <p>19/09/2013 PM provided the following update:  Car Park –HMc will progress these  3<sup>rd</sup> floor – FW to return by 23/09  Fire Plans – DH to return by 23/09  Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only  Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.  Door Type schedule – HM progressing this  Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.  Medical Air &amp; Vacuum – with ISandford.</p> <p>26/09/2013 DH provided the following update:  Medical Gas calcs – to be noted on register as 'For Info'  Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds  Car Park – info returned on 25/09  Gillespies - info returned on 25/09  Fire Design – WIP – will return by end of week  Remaining drawings – to go back as D status and covered by a PMI</p> <p>03/10/2013 PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>10/10/2013 DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>17/10/2013 DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>24/10/2013 2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3</p>	
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			<p>31/10/2013</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p>	<p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>• One group of M&amp;E information which was to be returned later that day.</li> <li>• CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>• Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>c) Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPEC</li> </ol>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3</p> <p>3.15 Node ICT server room cooling</p> <p>3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with</p>	

			14/11/2013	Wallace Whittle prior to providing a formal solution to the NHS for review. DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.	
			21/11/2013	DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu o the associated ER. DP agreed to provide the schedule to DH.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 27/11/2013

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 27/11/2013

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	<p>21/12/2012</p> <p>10/01/2013</p> <p>17/01/2013</p> <p>24/01/2013</p> <p>31/01/2013</p> <p>07/02/2013</p> <p>14/02/2013</p> <p>21/02/2013</p> <p>28/02/2013</p> <p>06/03/2013</p> <p>14/03/2013</p> <p>04/04/2013</p> <p>11/04/2013</p> <p>17/04/2013</p> <p>25/04/2013</p> <p>02/05/2013</p>	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.</p> <p>AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.</p> <p>AS noted that the works were WIP however there appeared to be no issues to report.</p> <p>DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs b identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.</p> <p>PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.</p> <p>DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.</p> <p>DP advised that IPowrie and DW had discussed the level 4 requirements.</p> <p>DP agreed to chase the proposal</p> <p>DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that</p>	

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			<p>16/05/2013 24/05/2013</p> <p>06/06/2013 13/06/2013</p> <p>20/06/2013 27/06/2013</p> <p>04/07/2013</p> <p>11/07/2013</p> <p>18/07/2013 25/07/2013</p> <p>01/08/2013 08/08/2013</p> <p>15/08/2013</p> <p>05/09/2013</p> <p>19/09/2013 26/09/2013 03/09/2013</p> <p>10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013 21/07/2013</p>	<p>the proposals re location of plant, etc would need to be identified for sign-off by IPowrie. DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room. DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.</p> <p>DP advised that he would chase up who is doing what and when it is planning to be carried out. DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&amp;E and BMCL were providing the remedial works to Microbiology.</p> <p>DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal. DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.</p> <p>AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected. This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement</p> <p>Instruction given to Mercury today and programme will be issued DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.</p> <p>PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013 Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.</p> <p>DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.</p> <p>DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.</p> <p>DP noted that the final proposal was with IPowrie for agreement. GW noted this was WIP and he was unsure if DP had received a reply from IP DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.</p> <p>DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013. On schedule DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works. GW advised that the works were due to commence on 16/11/2013.</p> <p>DP suggested that the works may be complete but that he would need to liaise with IP.</p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type</p>	

			19/09/2013 03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013	II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control <b>Noted that Jim Murray had been asked to chase up a response from BControl.</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013  24/10/2013 31/10/2013 07/11/2013  14/11/2013 21/11/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin. GW advised that price information awaited from Mercury and he would pursue. <b>GW advised that it was anticipated that the price would be received by cop 22/11/2013</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013    31/10/2013 07/11/2013  14/11/2013 21/11/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these. DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres. DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS. DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL. <b>DP agreed to chase up Starkstrom for the drop dead date.</b>	Cross reference PMI 246
2317	PMI 254	Alterations to Arrival Square	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.	

			<p>07/11/2013 14/11/2013</p> <p>21/11/2013</p>	<p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p><b>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</b></p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>21/11/2013</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p><b>DP advised that he would re-provide the drawing for NHS sign-off.</b></p>	
2338	PMI 258	HDU Light Fittings in NSGH MDU	<p>27/11/2013</p>	<p>Due to a clash between wall mounted light fittings (LIG005) and external windows the Board confirm that it is acceptable to omit LIG 005 and substitute an HDU fitting (R04D) for 1 no. ceiling fitting (R40) in each of the bays listed below.</p> <p>The R04D fitting will be controlled via the bedhead switch and patient handset to provide variable lighting.</p> <p>The commercial rationalisation will be addressed via the equipment list with the LIG 005's omitted and the extra over light fitting cost added to the 'Recovery Bay Lighting Upgrade. Overall cost is nil.</p>	



				Affected bays (9no.): MDU 013 MDU 014 MDU 015 MDU 022 MDU 023 MDU 024 MDU 025 MDU 026 MDU 027	
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## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- 1) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 2) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re

way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013) **JB noted that he would write to CUK/AOS seeking a meeting urgently as the NHS are putting pressure on BMCL saying that they will not be paying for the security services. (14/11/2013)**



- 3) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) **GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. The NHS are expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013)**
- 4) Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) **PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013)**
- 5) YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) **GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013)**
- 6) Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP) 14/11/2013. **Noted that this is WIP. (21/11/2013)**
- 7) PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) **DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013)**
- 8) Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so can install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013)
- 9) Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 04/12/2013:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final	

			<p>22/08/2013</p> <p>29/08/2013</p> <p>05/09/2013 12/09/2013</p>	<p>proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.</p> <p>PM noted provided an update re the RDD Workflow report:</p> <p>Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL</p> <p>Desk locations – WIP by FW and he would try to push this on</p> <p>Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms</p> <p>DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul> <p>DH advised that there were no outstanding drawings of significance on the list.</p> <p>DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about.</p> <p>DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.</p> <p>PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also</p>	
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			<p>be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p> <p>19/09/2013 PM provided the following update:  Car Park –HMc will progress these  3<sup>rd</sup> floor – FW to return by 23/09  Fire Plans – DH to return by 23/09  Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only  Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.</p> <p>26/09/2013 Door Type schedule – HM progressing this  Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.  Medical Air &amp; Vacuum – with ISandford.  DH provided the following update:  Medical Gas calcs – to be noted on register as 'For Info'  Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds  Car Park – info returned on 25/09  Gillespies - info returned on 25/09  Fire Design – WIP – will return by end of week  Remaining drawings – to go back as D status and covered by a PMI</p> <p>03/10/2013 PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>10/10/2013 DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>17/10/2013 DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>24/10/2013 2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3</p>	
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			<p>31/10/2013</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p>	<p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>• One group of M&amp;E information which was to be returned later that day.</li> <li>• CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>• Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>c) Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3</p> <p>3.15 Node ICT server room cooling</p> <p>3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive</p>	



			07/11/2013 14/11/2013 21/11/2013 28/11/2013	<p>racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	04/12/2013	We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 04/12/2013


							
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the</p>			

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			24/10/2012	Commercial Reps to provide a list of queries to the NHS. AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.	
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.	
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/12/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed. AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	

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			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs be identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement
			18/07/2013	Instruction given to Mercury today and programme will be issued
			25/07/2013	DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.
			01/08/2013	PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013
			08/08/2013	Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.
			15/08/2013	DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.
			05/09/2013	DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.
			19/09/2013	DP noted that the final proposal was with IPowrie for agreement.
			26/09/2013	GW noted this was WIP and he was unsure if DP had received a reply from IP
			03/09/2013	DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.

			10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/07/2013 28/11/2013	DP advised that the works have been re-programmed to commence on 9 <sup>th</sup> November 2013. On schedule DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works. GW advised that the works were due to commence on 16/11/2013. DP suggested that the works may be complete but that he would need to liaise with IP. <b>DP advised that the physical works substantially complete with some tweaking to controls to be undertaken.</b>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013    19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. <b>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013 24/10/2013 31/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin. GW advised that price information awaited from Mercury and he would pursue. GW advised that it was anticipated that the price would be received by cop 22/11/2013 <b>DH advised that the costs had been received and were under review by PM.</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>20 Adult Theatres</li> <li>5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November.	Cross reference PMI 246

			<p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p>	<p>BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these.</p> <p>DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres.</p> <p>DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS.</p> <p>DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL.</p> <p>DP agreed to chase up Starkstrom for the drop dead date.</p> <p>DP advised that delivery date for NCH equip awaited. DP advised that he would need to meet with DH, FW and ISandford to discuss the proposal for resolving the 3 gases into 2 issue i.e. use a Y piece.</p>	
2317	PMI 254	Alterations to Arrival Square	<p>06/11/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p>	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p>	

			28/11/2013	DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by BControl to revisit the vissim model. DS advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
2330	PMI 257	MTHW System – Site Ring	20/11/2013  28/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p>	
2338	PMI 258	HDU Light Fittings in NSGH MDU	27/11/2013  28/11/2013	<p>Due to a clash between wall mounted light fittings (LIG005) and external windows the Board confirm that it is acceptable to omit LIG 005 and substitute an HDU fitting (R04D) for 1 no. ceiling fitting (R40) in each of the bays listed below.</p> <p>The R04D fitting will be controlled via the bedhead switch and patient handset to provide variable lighting.</p> <p>The commercial rationalisation will be addressed via the equipment list with the LIG 005's omitted and the extra over light fitting cost added to the 'Recovery Bay Lighting Upgrade. Overall cost is nil.</p> <p>Affected bays (9no.):</p> <p>MDU 013 MDU 014 MDU 015 MDU 022 MDU 023 MDU 024 MDU 025 MDU 026 MDU 027</p> <p>DH noted this is an equipment list (below the line) item so therefore was of nil cost to the project.</p>	

CE for Ground Water monitoring to be concluded

**Other items that require discussion:**

- 1) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 2) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legels are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013) JB noted that he would write to CUK/AOS seeking a meeting urgently as the NHS are putting pressure on BMCL saying that they will not be paying for the security services. (14/11/2013) **It was noted that a meeting with the CUK MD had been scheduled to take place on 4<sup>th</sup> December. GW had also spoken to the CUK Financial Director to advise them what information was required for the meeting. (28/11/2013)**
- 3) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson.



AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm.

- 4) Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013)
- 5) YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013) GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).
- 6) Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP) 14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013)
- 7) PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013).
- 8) Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013)


- 9) Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013).

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 11/12/2013:

<div style="float: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.	
			01/08/2013	DH noted that he had reviewed the tracker the previous night and provided the following update: The first few dates appeared to be incorrect Lead lining drawings returned 29/07/2013 MRI Breakout – to be returned later that day Bedhead trunking – to be returned later that day JTC – PM working through – feedback re pharmacy internal cabinet awaited however outer cabinet can be fitted (response re Aconex provided) Minor Equipment schedule – WIP Medical Air Vacuum – awaiting info from DP (schematics) Renal water – with DP Desk locations – reprints awaited.	
			08/08/2013	Internal finishes – SF trying to locate these – may request reprints. Interventional – information returned Pharmacy – BMCL instructed to fit the out cabinet Minor Equipment – WIP Schedule of low voltage – information returned Metal composite cladding – hard copy never received as was wrong rev no Medical Air and Vacuum plant – awaiting schematic Rack – wip to conclude Safe – instructed PMI to confirm is to be a group 3 item 1 <sup>st</sup> floor plans – desk locations – with FW Renal water – returned as a B status – response from Elgar expected 08/08/2013 GW enquired about the dental chair info as FW advised that she thought she had provided the info to BMCL but BMCL are unable to locate. FW had recommended the chair to be purchased. Need FW to confirm that what previously said still stands.	
			15/08/2013	AK noted that DS had advised that there were no issues. DP noted that response from Elgar had been discussed with DH before DH went on leave. There were a couple of minor points to be addressed. A final	

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			22/08/2013	proposal would be provided to DH on his return from leave. The meeting had also allowed for the formalization of circa 90/95% of the works.
			29/08/2013	<p>PM noted provided an update re the RDD Workflow report:  Pharmacy cab internal discussions was nearing conclusion for return of the RDD to BMCL  Desk locations – WIP by FW and he would try to push this on  Group 5 info – meeting being organized to discuss the BMCL schedule. PM would provide the floor channel info. DP noted that the screeding was due to be carried out therefore that floor channel info was needed asap. GW noted that he needed to know who would be doing the screed for the MRI rooms  DH advised that there were 12 items outstanding which would be worked through over the remained of the week.</p> <ul style="list-style-type: none"> <li>• Desk location info had been returned.</li> <li>• Grp 5 – significant volumes returned, there were a couple of areas to resolve i.e. transfer equipment. It was the same suppliers in tender process for group 5 equipment supply – now tenders returned the suppliers can now survey/review transfer equipment and their draughtsmen. Meeting re group 5 tracker to be held on Tuesday, majority of the information returned and with Julie Miller for review. Once receive feedback then will know what the meeting is to discuss.</li> <li>• Endoscopy washer – discussed re way forward – will take circa 1 year to choose the equipment, plan to do as a schedule of omissions</li> <li>• MRI room screed – DH noted that BMCL should carry out the works as per ERs. GW noted that BMCL would never have expected to do the screed – is a 350mm screed and BMCL have a drawing with 'rough' duct routes. GW noted that he would raise an EW as information is late to complete. DH noted that BMCL had always been advised that the information would be provided early September. DH noted that this had informed discussions with RN – tender process due to conclude end of September then 10 day standstill - need to agree with BMCL what room information is needed first. DS requested that a schedule of dates for BMCL to receive the information from the NHS. AK reported that it would be able to confirm the order of the rooms very quickly.</li> <li>• DS noted that there was Xray kit going into a theatre. DH advised that the detail had been provided. DS reported that if going to core then the NHS would need to provide a derogation and DH confirmed that a derogation would be provided as necessary.</li> </ul>
			05/09/2013 12/09/2013	<p>DH advised that there were no outstanding drawings of significance on the list.  DH advised that circa 50% of the drawings on the list are Medical Gas pipe calcs which are with ISandford. DP noted that there was further info to be provided and enquired if this should be sent as an RDD package or for information. DH advised that he was happy for the calcs to be provided as information. DP advised that the calcs were currently being design reviewed and he was happy to provide the calcs as info. DH noted that both the Medical Gas AEs had suggested that the pipes are too big and are trying to VE with the designers.</p> <ul style="list-style-type: none"> <li>• Vacuum plant schematics – awaited. DP suggested that these had been included in the pack.</li> </ul> <p>DS noted that there were 34 items outstanding under 6 days which he was not concerned about.  DH reported that reprints of the finishes plans would be required. The metal composite RDD was still to be provided as this had been excluded as part of the hard copy pack.  PM advised that the NHS would very shortly provide a spec for the cupboard. A confirmation would also</p>

			<p>be issued to BMCL re not fitting JTC cupboard in the ward stack – an alternate spec would be provided for this – there was no requirement to double cupboard. DS suggested that this may be a derogation as he had understood that pharmacy cabinets need to be a locked cupboard within a locked cupboard. PM advised that confirmation re way forward would be provided asap via a PMI.</p> <p>JB enquired about the way forward re the MRI Concrete build-up and DH advised that a PMI would be provided to BMCL confirming the way forward – it was the intention to get the MRI Contractor to finish off the screed as part of their works package.</p> <p>19/09/2013 PM provided the following update:  Car Park –HMc will progress these  3<sup>rd</sup> floor – FW to return by 23/09  Fire Plans – DH to return by 23/09  Piped medical gas – with ISandford. DP noted that these were all calcs and were to be sent back to BMCL as d status – DP would put a line on the register to say sent for info only  Racks and Wall safes – PMIs issued to cover these. DS requested that these RDD be sent back as D status.</p> <p>26/09/2013 Door Type schedule – HM progressing this  Pharmacy cabinets – will provide a schedule to BMCL indicating what BMCL is to do. BMCL to continue to progress as is and NHS will provide schedule as soon as possible.  Medical Air &amp; Vacuum – with ISandford.  DH provided the following update:  Medical Gas calcs – to be noted on register as 'For Info'  Medical Air &amp; Vacuum – IS is content with the plant however has a query re some manifolds  Car Park – info returned on 25/09  Gillespies - info returned on 25/09  Fire Design – WIP – will return by end of week  Remaining drawings – to go back as D status and covered by a PMI</p> <p>03/10/2013 PM provided the following update against the RDD schedule</p> <ul style="list-style-type: none"> <li>• 38 items returned to BMCL</li> <li>• 3 items re elevations/CP1 – returned 1<sup>st</sup> October</li> <li>• 22 Medical Gas calcs and 1 spec with ISandford which are under review with HPI. DP noted that he expected the calc sheets to be returned as status D then going forward will be issued for information only purposes</li> <li>• Pharmacy cupboards – survey started to identify what has already been fitted and advise way forward.</li> </ul> <p>10/10/2013 DS noted that the items at the bottom of the list needed to be cleared off. DP advised that the medical gas and air drawings needed to be returned so can be removed from the list. The medical gas and air drawings/items are being progressed through meetings. DP advised he would liaise with DH on return from leave. PM acknowledged that there were 49 items on the list to be returned to BMCL.</p> <p>17/10/2013 DH advised that the RDD Tracker had been reviewed with only the Pharmacy Cabinet and Beacon Project RDD outstanding. The bottom 2 items of the tracker are covered by PMIs. DS requested confirmation of which 2 PMIs addressed these 2 items.</p> <p>24/10/2013 2 marked up and returned to BMCL – fire safety design and atrium fire loads  Intravascular catheter cupboard (CUP1054) now moved to group 3 on the current equipment list.  Rack 420 – PMI 248 issued now within Group 3</p>	
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			<p>31/10/2013</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p>	<p>SAF 005 - PMI 245 issued now within Group 3</p> <p>1 outstanding item is MSC1000 Pharmacy cabinet</p> <p>5 Car Park drawings returned on 30/10/2013</p> <p>CUP 1054 – way forward confirmed at the equipment meeting on 30/10/2013</p> <p>Pharmacy cupboard – WIP to conclude</p> <p>JB enquired if a position had been jointly agreed to allow a PMI to be provided. DH advised that agreement was close to being achieved. There are some group 2 items which will be transferred into be a group 3 item. FW and AR were liaising to conclude. It was expected that the position will be finalized by 01/11/2013. DH noted that there was a query with Mercury.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>• One group of M&amp;E information which was to be returned later that day.</li> <li>• CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>• Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>c) Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3</p> <p>3.15 Node ICT server room cooling</p> <p>3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive</p>	

			07/11/2013 14/11/2013 21/11/2013 28/11/2013	<p>racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	04/12/2013	We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/12/2013

							
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the</p>			


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			24/10/2012	Commercial Reps to provide a list of queries to the NHS. AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.	
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.	
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/12/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012	Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.	
			10/01/2013	DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost	
			17/01/2013	DP noted this was WIP and that there was a programme for the other areas.	
			24/01/2013	DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.	
			31/01/2013	DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9 <sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.	
			07/02/2013	IP was to be requested to confirm to DP that Nicola had requested no further changes.	
			14/02/2013	DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.	
			21/02/2013	Progressing on programme	
			28/02/2013	AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.	
			06/03/2013	AK advised that the next 2 weekends should see the works completed with the exception of level 4 as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed. AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	

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			14/03/2013	AS noted that the works were WIP however there appeared to be no issues to report. DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs be identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.
			04/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.
			11/04/2013	DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.
			25/04/2013	DP agreed to chase the proposal
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time. Agreed way forward – BMCL to plan and implement
			18/07/2013	Instruction given to Mercury today and programme will be issued
			25/07/2013	DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.
			01/08/2013	PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013
			08/08/2013	Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.
			15/08/2013	DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP. Consideration was being given to carrying out the works over weekends.
			05/09/2013	DP advised that the design was WIP in conjunction with WW, working to agreed programme, contractor to be on board by mid week.
			19/09/2013	DP noted that the final proposal was with IPowrie for agreement.
			26/09/2013	GW noted this was WIP and he was unsure if DP had received a reply from IP
			03/09/2013	DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited.

			10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/07/2013 28/11/2013	DP advised that the works have been re-programmed to commence on 9 <sup>th</sup> November 2013. On schedule DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works. GW advised that the works were due to commence on 16/11/2013. DP suggested that the works may be complete but that he would need to liaise with IP. <b>DP advised that the physical works substantially complete with some tweaking to controls to be undertaken.</b>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013    19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. <b>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013 24/10/2013 31/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin. GW advised that price information awaited from Mercury and he would pursue. GW advised that it was anticipated that the price would be received by cop 22/11/2013 <b>DH advised that the costs had been received and were under review by PM.</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: • 20 Adult Theatres • 5 Childrens' Theatres The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November.	Cross reference PMI 246



			28/11/2013	DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by BControl to revisit the vissim model. DS advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
2330	PMI 257	MTHW System – Site Ring	20/11/2013  28/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p>	
2338	PMI 258	HDU Light Fittings in NSGH MDU	27/11/2013  28/11/2013	<p>Due to a clash between wall mounted light fittings (LIG005) and external windows the Board confirm that it is acceptable to omit LIG 005 and substitute an HDU fitting (R04D) for 1 no. ceiling fitting (R40) in each of the bays listed below.</p> <p>The R04D fitting will be controlled via the bedhead switch and patient handset to provide variable lighting.</p> <p>The commercial rationalisation will be addressed via the equipment list with the LIG 005's omitted and the extra over light fitting cost added to the 'Recovery Bay Lighting Upgrade. Overall cost is nil.</p> <p>Affected bays (9no.):</p> <p>MDU 013 MDU 014 MDU 015 MDU 022 MDU 023 MDU 024 MDU 025 MDU 026 MDU 027</p> <p>DH noted this is an equipment list (below the line) item so therefore was of nil cost to the project.</p>	

2351	PMI 259	Mechanical Ventilation – NSGH-04-HOW-03 Pentamidine Treatment Room	11/12/2013	Following identification of conflicting information within the Works Information, the Board wish to clarify that the requirement for a negatively pressured treatment room as set out in the attached "Update on the Isolation Rooms for the New South Glasgow (Adult) Hospital issued during dialogue takes precedence over the room data sheet, which states a balanced regime. The current ventilation layout indicates both supply and extract at 125 litres/sec and the Board requests adjustment to deliver the negative pressure required.	
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## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- 1) DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- 2) Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legels are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013) JB noted that he would write to CUK/AOS seeking a meeting



urgently as the NHS are putting pressure on BMCL saying that they will not be paying for the security services. (14/11/2013) It was noted that a meeting with the CUK MD had been scheduled to take place on 4<sup>th</sup> December. GW had also spoken to the CUK Financial Director to advise them what information was required for the meeting. (28/11/2013)

- 3) Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm.
- 4) Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013)
- 5) YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013) GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).
- 6) Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013)
- 7) PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the




retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013).

- 8) Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013)
- 9) Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013).

**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 18/12/2013:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p><b>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</b></p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling</p>	

				3Kw racks – 1Kw per sq m (on N+1 redundancy where n<4)	
			31/10/2013	Full description of issue contained in attached documents DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m <sup>2</sup> . BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.	
			07/11/2013	DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.	
			14/11/2013	DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.	
			21/11/2013	DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.	
			28/11/2013	DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.	
			12/12/2013	DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2 <sup>nd</sup> PDU which would need to be supplied by Capita.	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	04/12/2013	We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached). <i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i>	
			12/12/2013	GW advised that the additional requirements had now been agreed and a quote was being prepared (up	

				<p>to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).</p> <p>DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 18/12/2013

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs</p>	
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				<p>under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 18/12/2013

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
1590	PMI 197	Laboratory Block - Adaptations to environmental controls	21/12/2012  10/01/2013  17/01/2013 24/01/2013  31/01/2013  07/02/2013 14/02/2013  21/02/2013 28/02/2013  06/03/2013	<p>Monitor and undertake adaptations heating/cooling system in 10 rooms, as agreed with the Board, as result of increased heat loads from installed MSC kit not identified by user group at design stage.</p> <p>DP advised this is WIP. DP would provide an update on the timings, etc. DMF was to check the cost</p> <p>DP noted this was WIP and that there was a programme for the other areas.</p> <p>DP advised this was WIP – works due to commence 28/01/2013. NHS to confirm whether level 4 to be included.</p> <p>DP advised that the NHS requested the programme be re-jigged and a later start date. AK noted that the works would now start on 9<sup>th</sup> Feb 2013. BMCL were awaiting confirmation re level 4.</p> <p>IP was to be requested to confirm to DP that Nicola had requested no further changes.</p> <p>DP advised that work ongoing. DP hadn't received confirmation regarding the proposals to knock through 2 rooms to make 1 room. PM agreed to provide confirmation. DP advised that this was the last item on the programme.</p> <p>Progressing on programme</p> <p>AK advised this was WIP. It was anticipated that the works may be completed over the coming couple of weekend. AS reported that he had advised the Level 4 rep that the DNA machine rep had confirmed that normal air conditioning can be used – further instruction from the level 4 rep was awaited.</p> <p>AK advised that the next 2 weekends should see the works completed with the exception of level 4</p>	12/12/2013

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				as confirmation of the NHS requirement for level 4 are awaited. PM noted that the works were substantially complete with the exception of level 4 however all the works were to be completed by April and this was confirmed.	
			14/03/2013	AK noted that he organised a meeting to discuss the snags identified in the labs noting that there were very few snags now being reported.	
				AS noted that the works were WIP however there appeared to be no issues to report.	
			04/04/2013	DP noted that Capita had written to BMCL re lighting controls in the large lab area. DWilson has written back to Capita. Capita further responded citing safe working practices. DP thought that DWilson had further responded to Capita on this point. AS requested that the costs be identified to resolve the lighting issue. Responsibility for the costs can be discussed once costs identified.	
			11/04/2013	PM noted that the works almost all finished with the exception of level 4. JB noted that confirmation re level 4 was awaited.	
				DP noted that all the remedial works were finished with the exception of level 4. JB noted that BMCL did not have a scheme for the reduced requirements for level 4. DP agreed to check out and progress as necessary.	
			17/04/2013	DP advised that IPowrie and DW had discussed the level 4 requirements.	
			25/04/2013	DP agreed to chase the proposal	
			02/05/2013	DP advised that he had done an outline with IPowrie – nothing had moved yet. It was noted that the proposals re location of plant, etc would need to be identified for sign-off by IPowrie.	
			16/05/2013	DP advised that DW was visiting the Labs on 17/05 in order to review the routes to the plant room.	
			24/05/2013	DP advised that DW had visited the Labs the previous week and BMCL were in agreement with IP.	
			06/06/2013	DP advised that he would chase up who is doing what and when it is planning to be carried out.	
			13/06/2013	DP noted that he had an outline plan and DW had been struggling to match diaries with IP so that they can go over to the labs. AS noted that this was part of the Labs M&E and BMCL were providing the remedial works to Microbiology.	
			20/06/2013	DP noted that DWilson and IPowrie were still to meet to discuss the BMCL proposal.	
			27/06/2013	DP noted that IP and DW had discussed the BMCL proposal. There was a concern re the cooling drifting across the lab and it was suggested that a cooler draft should be put at 1 end of the Lab and the unit mounted so that it drifts across the equipment.	
			04/07/2013	AS noted that IP and DP were both on leave therefore he did not expect this item had been further progressed. AS stressed that he was against a partition wall being erected.	
			11/07/2013	This is sitting with BMCL and Mercury to resolve – no complaints noted from Labs staff at this time.	
				Agreed way forward – BMCL to plan and implement	
			18/07/2013	Instruction given to Mercury today and programme will be issued	
			25/07/2013	DP advised that the design was wip and a programme for the works would be issued asap. DP advise that BMCL would liaise with IP re the works.	
			01/08/2013	PM advised this was wip to conclude. DL requested an update from DP by 05/08/2013	
			08/08/2013	Noted that design has been progressed. Mercury progressing procurement and will link with IP. It is anticipated that it will take 1 month to conclude the design for procurement.	
			15/08/2013	DP noted that this was wip. The design and procurement was anticipated to be complete in 4 weeks. The install was anticipated to take circa 1 week. The works would be programmed with IP.	
				Consideration was being given to carrying out the works over weekends.	
			05/09/2013	DP advised that the design was WIP in conjunction with WW, working to agreed programme,	

			<p>19/09/2013 26/09/2013 03/09/2013</p> <p>10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013 21/07/2013 28/11/2013</p> <p>12/12/2013</p>	<p>contractor to be on board by mid week. DP noted that the final proposal was with IPowrie for agreement. GW noted this was WIP and he was unsure if DP had received a reply from IP DP noted that the works were due to commence 12/13 October and final confirmation from Labs staff re this date was awaited. DP advised that the works have been re-programmed to commence on 9<sup>th</sup> November 2013. On schedule DP advised that the works had been deferred by a week as 2 of the cooling units had not arrived on site by the due date. BMCL have liaised with IP and Labs Staff to reschedule the works. GW advised that the works were due to commence on 16/11/2013. DP suggested that the works may be complete but that he would need to liaise with IP. DP advised that the physical works substantially complete with some tweaking to controls to be undertaken.</p> <p>Works have been completed therefore item to be closed</p>	
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	<p>16/09/2013</p> <p>19/09/2013 03/10/2013 10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013 21/11/2013 28/11/2013</p> <p>12/12/2013</p>	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	<p>21/10/2013 24/10/2013 31/10/2013 07/11/2013</p> <p>14/11/2013 21/11/2013</p>	<p>Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin. GW advised that price information awaited from Mercury and he would pursue. GW advised that it was anticipated that the price would be received by cop 22/11/2013</p>	



			28/11/2013 12/12/2013	DH advised that the costs had been received and were under review by PM. DH enquired if there was any comment from BMCL re the CCTV. DP advised that the CCTV requirements needed to be discussed with KC and DH in order that BMCL can understand what the NHS want this camera to see noting that there was nothing above the helipad which could be used to locate a camera.	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013    31/10/2013  07/11/2013  14/11/2013  21/11/2013 28/11/2013	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these. DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres. DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS. DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL. DP agreed to chase up Starkstrom for the drop dead date. DP advised that delivery date for NCH equip awaited.	Cross reference PMI 246
2317	PMI 254	Alterations to Arrival Square	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.  The key features are now: <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.	

			<p>07/11/2013 14/11/2013</p> <p>21/11/2013 28/11/2013</p> <p>12/12/2013</p>	<p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p> <p>DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p>	
2351	PMI 259	Mechanical Ventilation – NSGH-04-HOW-03 Pentamidine Treatment Room	<p>11/12/2013</p> <p>12/12/2013</p>	<p>Following identification of conflicting information within the Works Information, the Board wish to clarify that the requirement for a negatively pressured treatment room as set out in the attached "Update on the Isolation Rooms for the New South Glasgow (Adult) Hospital issued during dialogue takes precedence over the room data sheet, which states a balanced regime. The current ventilation layout indicates both supply and extract at 125 litres/sec and the Board requests adjustment to deliver the negative pressure required.</p> <p>DP noted that he would advise how BMCL proposed to achieve negative pressure in the treatment room – there was no physical change required.</p>	

2369	PMI 260	PMI 260 LANGLANDS DRIVE - PROPOSED ADDITIONAL WORKS	18/11/2013	Please provide a price to design and undertake works to Langlands Drive and adjacent parking areas, to be complete by 31st March 2014. These works are to dovetail with similar works to langlands Drive, included with you contract.	
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## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- Security – AS noted that the signage was being changed and the NHS hadn't been formally told of the change of security. GW advised that BMCL were awaiting legal advice and BMCL were continuing to pay CUK. (27/06/2013) AK advised that AOS and CUK were the same company. GW advised that it appeared that the company had done a voluntary CVA and the owner had bought the company back and rebranded it as AOS. AS advised that he needed a formal letter from BMCL advising of the name change and confirming that AOS meets SIA (04/07/2013). DH to check contract for any liabilities for the NHS for security contract change (11/07/2013). AS asked for a statement to confirm that there are no issues for the Board with the change in security provider – GW to provide to DH (18/07/2013) DMF agreed to chase this up (25/07/2013) DMF noted that BMCL had received a request from AOS re assigning contract to CUK – this request was with the BMCL legal's (01/08/2013) GW advised that he had spoken to Director of CUK/AOS, letter awaited from HMRC. BMCL were obtaining a copy of the AOS so that they can carry out due diligence check. AOS is asking for the contract to be novated rather than assigned. BMCL are checking that AOS have the necessary accreditation in place. (08/08/2013) DMF agreed to provide an update asap. It was noted that DL had asked for a report to be provided regarding the recent incidents on site. BMCL Legals are currently reviewing the legal info from AOS (15/08/2013) PM noted that the security certificate had been received. JB noted that BMCL were validating the AOS accounts. The BMCL Legal Advisor is currently on leave. BMCL have AOS accounts for 3 years. BMCL still paying CUK (22/08/2013) GW advised that the BMCL Legal rep was currently on leave. BMCL had received copies of the certification, accounts, financials and were still paying CUK. GW agreed to progress (29/08/2013) GW advised this was WIP to conclude – awaiting on CVA confirmation. (05/09/2013) GW advised that BMCL were awaiting the CV Agreement from HRMC. (12/09/2013) DR suggested that AOS was listed on the BMCL CHEOPS and GW agreed to check this out. GW noted that BMCL had not novated or assigned the security contract to AOS. (19/09/2013) GW advised that the CVA agreement had been received. It would appear that the assets had been transferred from CUK to AOS as AOS is their parent company. BMCL are continuing to pay CUK. Awaiting confirmation from BMCL Legal team re way forward. DH enquired if all the CUK registrations are still valid and GW agreed to check (26/09/2013). GW advised that the AOS meeting would be meeting with GW on site at the end of October. CUK are still in existence with all the necessary registrations, accreditations, etc. (03/10/2013) DMF advised that BMCL would be meeting with AOS at the end of October 2013 (10/10/2013). Nothing further to report until meeting concluded with AOS. Board will be updated as soon as BMCL have an update (24/10/2013) It was noted that the meeting between AOS and BMCL was to be rescheduled. (31/10/2013) JB noted that he would write to CUK/AOS seeking a meeting urgently as the NHS are putting pressure on BMCL saying that they will not be paying for the security services. (14/11/2013) **It was noted that a meeting with the CUK MD had been scheduled to take place on 4<sup>th</sup> December. GW had also spoken to the CUK Financial Director to advise them what information was required for the meeting.**


(28/11/2013) GW advised that all the certificates had been received. BMCL had met with AOS. GW noted that he would provide a copy of the letter received as to what had happened to bring about the name change. (11/12/2013)

- Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm. (28/11/2014) DH noted that there was 1 cable inside the site (Board own) and FES were being instructed to carry out the works w/c 20<sup>th</sup> Jan 2014. Liaison was ongoing with SPEN re getting them to drop their cable in the existing location rather than move their cable (11/12/2013)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13)
- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013)
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013)

- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013)
- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013)
- Practical Completion/Final Certificate – DS advised that he had met with Raymond Barlow to discuss the final certification as BMCL will not be able to complete all the works by handover of the hospitals i.e. SUDS. It was confirmed that BC cannot provide final occupation certification as works are ongoing however they will provide a temporary occupation certification and the NHS are requested to confirm this is acceptable. PM requested that this matter be provided via an EW on Sypro noting that he did not that having temporary occupation certification would not be an issue for the NHS. (12/12/2013)
- Signage/Wayfinding – DS noted that BMCL were reviewing the design however they had a number of B status fire exit signage drawings and the signage meets the code i.e. sign to 1 point of exit. GDonnelly is of a different view and BMCL need the NHS to confirm how many additional signs are required. PM advised that the GD proposals would be reviewed on 13/12/13 and providing that the BMCL proposals meet the guidance/SHTMs, etc then BMCL will be able to progress with their proposals. DS advised that the issue is that the current drawings are B status. DH advised that a way to provide the drawings back as A status with comments marked up will be identified. DH advised that GD had provided a copy of the Fire Action Signs that the NHS want to use across the South Glasgow sites. DS requested that this info be issued to DS, Nigel Hollowell and GBurnett. (12/12/13)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 08/01/2014:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p><i>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</i></p> <p><i>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</i></p>	




				Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	04/12/2013	We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power	



			12/12/2013	<p>outlets and 30 no double data points (drawings attached).  <i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i></p> <p>GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).</p>	
			19/12/2013	<p>DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.</p> <p><b>DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.</b></p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 08/01/2014


						
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p>		

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			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.	
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.	
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.	
			12/12/2013	AK advised that he was getting a programme plotted for discussion.	
				AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.	
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 08/01/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	

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			<p>10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013 21/11/2013 28/11/2013</p> <p>12/12/2013 19/12/2013</p>	<p>DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</p> <p>Response awaited from Building Control</p> <p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p><b>DS confirmed that response still awaited from Building Control</b></p>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	<p>21/10/2013 24/10/2013 31/10/2013 07/11/2013</p> <p>14/11/2013 21/11/2013 28/11/2013 12/12/2013</p> <p>19/12/2013</p>	<p>Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others</p> <p>Price is awaited from Mercury on data and power install within the cabin</p> <p>DMF advised that he would pursue Mercury for the price information</p> <p>GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin.</p> <p>GW advised that price information awaited from Mercury and he would pursue.</p> <p>GW advised that it was anticipated that the price would be received by cop 22/11/2013</p> <p>DH advised that the costs had been received and were under review by PM.</p> <p>DH enquired if there was any comment from BMCL re the CCTV. DP advised that the CCTV requirements needed to be discussed with KC and DH in order that BMCL can understand what the NHS want this camera to see noting that there was nothing above the helipad which could be used to locate a camera.</p> <p><b>DH advised that a response was awaited re what the camera was to look at however the camera requirement had been part of the ERs. GW requested confirmation of the way forward.</b></p>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p>	<p>Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to:</p> <ul style="list-style-type: none"> <li>• 20 Adult Theatres</li> <li>• 5 Childrens' Theatres</li> </ul> <p>The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November.</p> <p>BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these.</p> <p>DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres.</p> <p>DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS.</p> <p>DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL.</p>	Cross reference PMI 246



			19/12/2013	there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC. DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.	
2330	PMI 257	MTHW System – Site Ring	20/11/2013  28/11/2013  12/12/2013 19/12/2013	This PMI replaces PMI-217 which should be cancelled. The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge. The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser. It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing). DH advised that a PMI would be provided to confirm the way forward. AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.	
2351	PMI 259	Mechanical Ventilation – NSGH-04-HOW-03 Pentamidine Treatment Room	11/12/2013  12/12/2013  19/12/2013	Following identification of conflicting information within the Works Information, the Board wish to clarify that the requirement for a negatively pressured treatment room as set out in the attached "Update on the Isolation Rooms for the New South Glasgow (Adult) Hospital issued during dialogue takes precedence over the room data sheet, which states a balanced regime. The current ventilation layout indicates both supply and extract at 125 litres/sec and the Board requests adjustment to deliver the negative pressure required. DP noted that he would advise how BMCL proposed to achieve negative pressure in the treatment room – there was no physical change required. DP noted that the works would be carried out as part of commissioning/balancing activities. It was agreed this item could be closed.	19/12/2013
2369	PMI 260	PMI 260 LANGLANDS DRIVE - PROPOSED ADDITIONAL WORKS	18/12/2013  19/12/2013	Please provide a price to design and undertake works to Langlands Drive and adjacent parking areas, to be complete by 31st March 2014. These works are to dovetail with similar works to Langlands Drive, included with you contract. DS advised this needed to be discussed as he had undertaken discussions with BMCL consultants. The background of the as-built drawing is not quite right. Members discussed the drawings which were tabled. DH advised that the enquiry was on the basis of maximizing spaces and would need to be predominantly completed and if BMCL can't do the works before the end of March then the NHS will not go-ahead with the works. DS suggested that a section 56 may be required however BMCL could stop the works 5m back from the junction if this would assist. DH advised that the pricing and assessment of the programme was urgent in order to identify what is	

				achievable.	
2379	PMI 261	Helipad Changing Room Supplies & CCTV	24/12/2013	<p>The Board confirm the requirement for 2no. CCTV cameras, one above the entrance door to Core G viewing the access ramp and one to cover the helipad (exact position to be agreed).</p> <p>The Board instruct the provision of power, data and fire alarm in accordance with the quote submitted under PMI 251. The total cost of £7072.86 (ex VAT) to be added to the Group 1 Equipment List.</p>	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	24/12/2013	<p>Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms.</p> <p>Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list.</p>	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). **DP confirmed that this was a WIP (24/10/2013)**
- Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm. (28/11/2014) DH noted that there was 1 cable inside the site (Board own) and FES were being instructed to carry out the works w/c 20<sup>th</sup> Jan 2014. Liaison was ongoing with SPEN re getting them to drop their cable in the existing location rather than move their cable (11/12/2013) **DH advised that he had considerable communication with SPEN and saw no issue with the 20<sup>th</sup> Jan 2014 – SPEN just closing out the paperwork. DH queried the change of access to the site and AK suggested that this would most likely be mid/end Feb. AK noted that tarmac would need to be put onto the Fire Road. AK would have an action plan for the change in access by end of Jan 2014. (19/12/2013)**




- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) **DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCaldenwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013)**
- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) **DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). **DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013)**
- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) **It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013)**



- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013) **AK noted that other trades had now started and there were others to start January 2014. BMCL progressing on the basis of the revised programme based on 12<sup>th</sup> May. Temporary escape route to be identified (19/12/2013)**
- Practical Completion/Final Certificate – DS advised that he had met with Raymond Barlow to discuss the final certification as BMCL will not be able to complete all the works by handover of the hospitals i.e. SUDS. It was confirmed that BC cannot provide final occupation certification as works are ongoing however they will provide a temporary occupation certification and the NHS are requested to confirm this is acceptable. PM requested that this matter be provided via an EW on Sypro noting that he did not that having temporary occupation certification would not be an issue for the NHS. (12/12/2013) **DS advised that he would provide an EW on this matter (19/12/2013)**
- Signage/Wayfinding – DS noted that BMCL were reviewing the design however they had a number of B status fire exit signage drawings and the signage meets the code i.e. sign to 1 point of exit. GDonnelly is of a different view and BMCL need the NHS to confirm how many additional signs are required. PM advised that the GD proposals would be reviewed on 13/12/13 and providing that the BMCL proposals meet the guidance/SHTMs, etc then BMCL will be able to progress with their proposals. DS advised that the issue is that the current drawings are B status. DH advised that a way to provide the drawings back as A status with comments marked up will be identified. DH advised that GD had provided a copy of the Fire Action Signs that the NHS want to use across the South Glasgow sites. DS requested that this info be issued to DS, Nigel Hollowell and GBurnett. (12/12/13) **DS advised that he will amend the drawings and include the GDonnelly re type of signs. (19/12/2013)**

**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 15/01/2014:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p>	

			12/12/2013	DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2 <sup>nd</sup> PDU which would need to be supplied by Capita.	
			19/12/2013	DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.	
			08/01/2014	Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	04/12/2013	We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached). <i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i>	
			12/12/2013	GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).	
			19/12/2013	DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations. DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.	
			08/01/2014	GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 08/01/2014


					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	

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			19/12/2013 14/01/2014	Meeting of AK and PM to be arranged to discuss AK queries. <b>Meeting to be scheduled to review some aspects of the work</b>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 08/01/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013  12/12/2013  19/12/2013 09/01/2014	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>PM noted this was WIP.</p> <p>DS advised that confirmation was awaited from Building Control re the sprinkler omission.</p> <p>Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</p> <p>Response awaited from Building Control</p> <p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p><b>DS reported that no information was anticipated from GCC before March. DS agreed to follow up.</b></p>	

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				<b>No impact to BMCL programme whilst awaiting information</b>	
2292	PMI251	Adult Hospital – Services to changing room for helipad	21/10/2013 24/10/2013 31/10/2013 07/11/2013 14/11/2013 21/11/2013 28/11/2013 12/12/2013 19/12/2013 09/01/2014	Further to PMI 147, the Board confirm service requirement to the level 13 fire fighters changing room routed into the cabin once construction by others Price is awaited from Mercury on data and power install within the cabin DMF advised that he would pursue Mercury for the price information GW advised that price information awaited from Mercury and he would pursue. DP enquired whether Mercury should be pricing for the testing of the electricity in the changing cabin. GW advised that price information awaited from Mercury and he would pursue. GW advised that it was anticipated that the price would be received by cop 22/11/2013 DH advised that the costs had been received and were under review by PM. DH enquired if there was any comment from BMCL re the CCTV. DP advised that the CCTV requirements needed to be discussed with KC and DH in order that BMCL can understand what the NHS want this camera to see noting that there was nothing above the helipad which could be used to locate a camera. DH advised that a response was awaited re what the camera was to look at however the camera requirement had been part of the ERs. GW requested confirmation of the way forward. <b>DH noted that a PMI has already been issued and that this issue was now resolved – this item to be closed.</b>	
2307	PMI 252	Group 1 Equipment: Surgical Image Viewing	30/10/2013 31/10/2013 07/11/2013 14/11/2013 21/11/2013 28/11/2013 19/12/2013 09/01/2014	Further to PMI 246 and referring to the revised priced submission for the installation of infrastructure cabling and associated hardware for Image viewing in Theatres, the Board wish to proceed with the installation to: • 20 Adult Theatres • 5 Childrens' Theatres The selection of the four Theatres to be omitted at this time will be advised by the Board not later than Friday 01 November. BMCE to provide an end-stop date for the instruction of cabling and hardware into any of the four Theatres omitted at this time, should the Board decide not to proceed with the alternative installations to any or all of these. DP advised that he would provide a back-stop date for confirmation to be provided to BMCL re 4 NCH theatres. DH requested that BMCL advise the latest date that the NHS can confirm that 4 NCH Theatres. DP agreed to review the Starkstrom programme and confirm the latest date to receive information from the NHS. DH advised that he was waiting on confirmation from BMCL of the end stop date by which confirmation re 4 NCH Theatres needed to be provided to BMCL. DP agreed to chase up Starkstrom for the drop dead date. DP advised that delivery date for NCH equip awaited. DP noted that he had liaised with Mercury on 18/12, it was suggested that the delivery date for the NCH Equipment was soon and he would confirm this date asap. <b>DP reported that dates for installation have been agreed – this item can now be closed</b>	Cross reference PMI 246
2317	PMI 254	Alterations to Arrival Square	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but	



				<p>eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>07/11/2013 14/11/2013</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>21/11/2013</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p> <p>28/11/2013</p> <p>DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>12/12/2013</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>19/12/2013</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>09/01/2014</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p>	
2330	PMI 257	MTHW System – Site Ring	20/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along</p>	

			<p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p>	<p>the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p><b>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</b></p>	
2351	PMI 259	Mechanical Ventilation – NSGH-04-HOW-03 Pentamidine Treatment Room	<p>11/12/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Following identification of conflicting information within the Works Information, the Board wish to clarify that the requirement for a negatively pressured treatment room as set out in the attached “Update on the Isolation Rooms for the New South Glasgow (Adult)Hospital issued during dialogue takes precedence over the room data sheet, which states a balanced regime. The current ventilation layout indicates both supply and extract at 125 litres/sec and the Board requests adjustment to deliver the negative pressure required.</p> <p>DP noted that he would advise how BMCL proposed to achieve negative pressure in the treatment room – there was no physical change required.</p> <p>DP noted that the works would be carried out as part of commissioning/balancing activities. It was agreed this item could be closed.</p>	19/12/2013
2369	PMI 260	PMI 260 LANGLANDS DRIVE - PROPOSED ADDITIONAL WORKS	<p>18/12/2013</p> <p>19/12/2013</p>	<p>Please provide a price to design and undertake works to Langlands Drive and adjacent parking areas, to be complete by 31st March 2014. These works are to dovetail with similar works to Langlands Drive, included with you contract.</p> <p>DS advised this needed to be discussed as he had undertaken discussions with BMCL consultants. The background of the as-built drawing is not quite right. Members discussed the drawings which were tabled. DH advised that the enquiry was on the basis of maximizing spaces and would need to be predominantly completed and if BMCL can't do the works before the end of March then the NHS will not go-ahead with the works. DS suggested that a section 56 may be required however BMCL could stop the works 5m back from the junction if this would assist. DH advised that the pricing and assessment of the programme was urgent in order to identify what is achievable.</p>	
2379	PMI 261	Helipad Changing Room Supplies & CCTV	24/12/2013	The Board confirm the requirement for 2no. CCTV cameras, one above the entrance door to Core G viewing the access ramp and one to cover the helipad (exact position to be agreed).	

				The Board instruct the provision of power, data and fire alarm in accordance with the quote submitted under PMI 251. The total cost of £7072.86 (ex VAT) to be added to the Group 1 Equipment List.	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	24/12/2013  09/01/2014	Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms. Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list.  It was decided that a meeting would be arranged in order to ascertain the correct cabinets to be ordered and a further PMI issued	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). DP confirmed that this was a WIP (24/10/2013). **No change to status (09/01/201)**
- Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm. (28/11/2014) DH noted that there was 1 cable inside the site (Board own) and FES were being instructed to carry out the works w/c 20<sup>th</sup> Jan 2014. Liaison was ongoing with SPEN re getting them to drop their cable in the existing location rather than move their cable (11/12/2013) DH advised that he had considerable communication with SPEN and saw no issue with the 20<sup>th</sup> Jan 2014 – SPEN just closing out the paperwork. DH queried the change of access to the site and AK suggested that this would most likely be mid/end Feb. AK noted that tarmac would need to be put onto the Fire Road. AK would have an action plan for the change in access by end of Jan 2014. (19/12/2013) **item can now be removed as information has been received (09/01/2014)**


- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RC Calderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AH Alliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). **A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014)**
- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP) 14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie.
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). **DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014)**
- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). **DH reported that FWraith was planning meetings for several of the specialist areas and liaising with**

AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014)

- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013) AK noted that other trades had now started and there were others to start January 2014. BMCL progressing on the basis of the revised programme based on 12<sup>th</sup> May. Temporary escape route to be identified (19/12/2013). **AK reported that he was preparing proposals for NHS to ensure that fire escape on to site was in situ for the use of the car park as this is hope to be in use before the hospitals are handed over. Programme for completion of the car park is under review after the recent Christmas break and AK will update D/H (09/01/2014)**
- Practical Completion/Final Certificate – DS advised that he had met with Raymond Barlow to discuss the final certification as BMCL will not be able to complete all the works by handover of the hospitals i.e. SUDS. It was confirmed that BC cannot provide final occupation certification as works are ongoing however they will provide a temporary occupation certification and the NHS are requested to confirm this is acceptable. PM requested that this matter be provided via an EW on Sypro noting that he did not that having temporary occupation certification would not be an issue for the NHS. (12/12/2013) DS advised that he would provide an EW on this matter (19/12/2013). **DS noted that he has requested a copy of the pro-forma of the certificates in order that these can be discussed at the PMG on 21<sup>st</sup> January (09/01/2014)**
- Signage/Wayfinding – DS noted that BMCL were reviewing the design however they had a number of B status fire exit signage drawings and the signage meets the code i.e. sign to 1 point of exit. GDonnelly is of a different view and BMCL need the NHS to confirm how many additional signs are required. PM advised that the GD proposals would be reviewed on 13/12/13 and providing that the BMCL proposals meet the guidance/SHTMs, etc then BMCL will be able to progress with their proposals. DS advised that the issue is that the current drawings are B status. DH advised that a way to provide the drawings back as A status with comments marked up will be identified. DH advised that GD had provided a copy of the Fire Action Signs that the NHS want to use across the South Glasgow sites. DS requested that this info be issued to DS, Nigel Hollowell and GBurnett. (12/12/13) DS advised that he will amend the drawings and include the GDonnelly re type of signs. (19/12/2013). **DS anticipated the single direction of escape signage returned information by end of January. BMCL will comply with all statutory requirements as necessary (09/01/2014)**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 22/01/2014:

<div style="float: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	




			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			15/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p>	
			31/10/2013	<p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p>	
			07/11/2013	<p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p>	
			14/11/2013	<p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4</p>	



			<p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014 16/01/2014</p>	<p>items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p><b>DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</b></p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	<p>04/12/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).</p> <p><i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i></p> <p>GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).</p> <p>DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.</p> <p>DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.</p>	

		09/01/2014	GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.	
		16/01/2014	DH noted that no further back-up had been received by the NHS so the Board had undertaken their own assessment and re-issued this back to BMCL for review.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 22/01/2014


					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that</p>	

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			19/12/2013 09/01/2014 16/01/2014	<p>BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>Meeting to be scheduled to review some aspects of the work</p> <p><b>Noted that AK and PM were meeting later that day to discuss BMCL queries.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014          16/01/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p><b>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</b></p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 22/01/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013       19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>PM noted this was WIP.</p> <p>DS advised that confirmation was awaited from Building Control re the sprinkler omission.</p> <p>Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</p>	

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			<p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>15/01/2014</p>	<p>to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no authority issue for BMCL.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>15/01/2014</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p>	
2369	PMI 260	PMI 260 LANGLANDS DRIVE - PROPOSED ADDITIONAL WORKS	18/12/2013	<p>Please provide a price to design and undertake works to Langlands Drive and adjacent parking areas, to be complete by 31st March 2014. These works are to dovetail with similar works to Langlands Drive, included with you contract.</p>	

			19/12/2013	DS advised this needed to be discussed as he had undertaken discussions with BMCL consultants. The background of the as-built drawing is not quite right. Members discussed the drawings which were tabled. DH advised that the enquiry was on the basis of maximizing spaces and would need to be predominantly completed and if BMCL can't do the works before the end of March then the NHS will not go-ahead with the works. DS suggested that a section 56 may be required however BMCL could stop the works 5m back from the junction if this would assist. DH advised that the pricing and assessment of the programme was urgent in order to identify what is achievable.	
			16/01/2014	PM advised that subject to a meeting w/c 6 <sup>th</sup> Jan 13 it had been agreed that the NHS would do these works direct therefore this PMI would be cancelled.	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	24/12/2013	Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms. Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list.	
			09/01/2014	It was decided that a meeting would be arranged in order to ascertain the correct cabinets to be ordered and a further PMI issued	
			16/01/2014	PM noted that there were 6/7 cabinets in radiology. PM would liaise with FW to check if confirmation had been provided to BMCL re these cabinets. DS noted that he had thought that a meeting was to be arranged. PM advised that he had a discussion with GW and AKerr and had offered to meet with BMCL if needed and had no request for a meeting as yet. DS & GW agreed to liaise with AKerr and RNetherey re need for a meeting. It was noted that the drug cabinets will be dealt with through the equipment list.	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). DP confirmed that this was a WIP (24/10/2013). No change to status (09/01/2014) **DP advised that he had a meeting scheduled with JBushfield. (16/01/2014)**
- Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson.



AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm. (28/11/2014) DH noted that there was 1 cable inside the site (Board own) and FES were being instructed to carry out the works w/c 20<sup>th</sup> Jan 2014. Liaison was ongoing with SPEN re getting them to drop their cable in the existing location rather than move their cable (11/12/2013) DH advised that he had considerable communication with SPEN and saw no issue with the 20<sup>th</sup> Jan 2014 – SPEN just closing out the paperwork. DH queried the change of access to the site and AK suggested that this would most likely be mid/end Feb. AK noted that tarmac would need to be put onto the Fire Road. AK would have an action plan for the change in access by end of Jan 2014. (19/12/2013) **item can now be removed as information has been received (09/01/2014) AK noted that FES had started their works and SPEN were due to commence works w/c 20/01/2014. (16/01/2014)**

- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) **PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014)**
- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie. (?) **DH advised that it was proposed to meet w/c 20/01/2014 and GW agreed to confirm asap that Fraser can attend the proposed meeting (16/01/2014)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application




had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) **DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014)**

- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). DH reported that FWraith was planning meetings for several of the specialist areas and liaising with AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014) **DH advised that the NHS are meeting with a supplier on 17/01/2014. Af noted that he did not have any dates for meetings and that it was critical that meetings happen as BMCL need to understand the NHS delivery dates. DP advised that BMCL needed to understand an services requirements. DH reported that the 3 MRIs were due to be delivered 30/31<sup>st</sup> March 2014. GW advised that he needed an understanding of all the group 5 equipment for insurance purposes. (16/01/2014)**
- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013) AK noted that other trades had now started and there were others to start January 2014. BMCL progressing on the basis of the revised programme based on 12<sup>th</sup> May. Temporary escape route to be identified (19/12/2013). **AK reported that he was preparing proposals for NHS to ensure that fire escape on to site was in situ for the use of the car park as this is hope to be in use before the hospitals are handed over. Programme for completion of the car park is under review after the recent Christmas break and AK will update D/H (09/01/2014) AK noted that he had a proposal to review with DS before presenting to the NHS. PM noted that the NHS needed to understand when BMCL would be carrying out the junction works. (16/01/2014)**
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014)
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 29/01/2014:


<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			<p>08/01/14</p> <p>16/01/2014</p> <p>23/01/2014</p>	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p> <p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p> <p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg</p>	

			<p>07/11/2013 target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>14/11/2013 DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>21/11/2013 DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>28/11/2013 DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>12/12/2013 DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>19/12/2013 DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>09/01/2014 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>16/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>23/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.  DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	<p>04/12/2013 We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).  <i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i></p> <p>12/12/2013 GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).</p>	

			19/12/2013	DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.	
			09/01/2014	DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.	
			16/01/2014	GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.	
			23/01/2014	DH noted that no further back-up had been received by the NHS so the Board had undertaken their own assessment and re-issued this back to BMCL for review.	
				GW noted that a compromise solution was required. DH noted that the additional data points were point to point and the power is on a ring. GW noted that an additional board needed to be put in. DH requested that BMCL justify the costs provided to the NHS. GW noted that operatives will need to go back into areas to put in the additional power and data. DH and GW to discuss.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 29/01/2014

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage.	
			19/09/2013	PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.	
			26/09/2013	WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.	
			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing.	
			10/10/2013	AK noted that he was assuming that all buildings would be emptied at the same time.	
			17/10/2013	WIP by BMCL	
			24/10/2012	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.	
			07/11/2013	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.	
				AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.	


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			<p>21/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p>	<p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>Meeting to be scheduled to review some aspects of the work</p> <p>Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p><b>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p><b>DP advised that he had put the alert to Mercury and Balmoral. DP suggested that the support structure for the lid could be drilled and make it into a colander. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Balmoral.</b></p>	



## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 29/01/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013       19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013   12/12/2013  19/12/2013 09/01/2014  23/01/2014	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>PM noted this was WIP.</p> <p>DS advised that confirmation was awaited from Building Control re the sprinkler omission.</p> <p>Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</p> <p>Response awaited from Building Control</p> <p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p>DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p><b>DS was scheduled to meet with Raymond Barlow.</b></p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013	<p>Confirmation of requirements for floor screeds to 3 rooms.</p> <p>Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p>	07/11/2013

			<p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>23/01/2013</p> <p>28/01/2013</p>	<p>PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACflooding will carry-out the works.</p> <p>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed.</p> <p>DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.</p>	
2317	PMI 254	Alterations to Arrival Square	<p>06/11/2013</p> <p>07/11/2013</p> <p>14/11/2013</p>	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there</p>	

			<p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p>	<p>being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p> <p>DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and</p>	

			09/01/2014	route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire. It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area	
			16/01/2014	AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.	
			23/01/2014	DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	24/12/2013	Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms. Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list.	
			09/01/2014	It was decided that a meeting would be arranged in order to ascertain the correct cabinets to be ordered and a further PMI issued	
			16/01/2014	PM noted that there were 6/7 cabinets in radiology. PM would liaise with FW to check if confirmation had been provided to BMCL re these cabinets. DS noted that he had thought that a meeting was to be arranged. PM advised that he had a discussion with GW and AKerr and had offered to meet with BMCL if needed and had no request for a meeting as yet. DS & GW agreed to liaise with AKerr and RNetherey re need for a meeting. It was noted that the drug cabinets will be dealt with through the equipment list.	
			23/01/2014	PM noted that he was meeting with AKerr and RNetherey on 28/01/2014 to close out any outstanding issues.	
2410	PMI 264	Adult & Children's Hospital Aseptic Unit Clarification on requirement for Illuminated Sig	29/01/2014	Aseptic Unit - additional room in use sign lights. Confirmation of RDD return 17.12.13; supply and install additional 'room in use' lights LIG073 required to clean changing areas. As a result of this a further 6 No. light switches SWC076 are also required to operate sign lights. Group 1 equipment list to be updated to suit.	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	Clarification of Requirements for Renal Installation Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.  Panel locations: NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH. NSGH OPD Nurses Base - 2 mimic panels. NSGH Critical Care - 1 indicator panel. NCH Workshop - 2 mimic panels. NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011. NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.	

				Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.	
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## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). DP confirmed that this was a WIP (24/10/2013). No change to status (09/01/2014) DP advised that he had a meeting scheduled with JBushfield. (16/01/2014) **DP noted that the meeting with JBushfield had not taken place and needed to be rescheduled. (23/01/2014)**
- Cables to be dropped at the Car Park Entrance – DP noted that there is 1 NHS cable and 1 SPEN cable to be dropped. DP noted that previously the NHS organized to have FES present on site when the works were being carried out. AK agreed to provide further detail to the NHS (03/10/2013) DP noted that it was WIP to identify a date for these works – BMCL wanted to co-ordinate these works with other works to be carried out in that area (10/10/2013). DP advised that ASmith was liaising with FES and RJohnson. AK advised that the cheque had been provided to SPEN. AK advised that the cable works linked into the changes which were required to the hoarding lines (17/10/2013). GW noted a PO is raised for £13K to drop cable. – sign off is in progress – ASmith and RJohnson are liaising to progress and also with FES/BMCL (24/10/2013) GW advised that he had requested a copy of the drawing which identified the SPEN cable. DH agreed to locate a copy of the drawing. DH noted that BMCL were responsible for all the cables outwith the boundary. GW suggested that the cable had never been shown on the drawing. (14/11/2013) DH noted that the cables were part of the car park works. GW noted that the cables needed to be shown to BMCL. DH noted that the Board was responsible for providing the services detail within the site. GW reported that it is for the Board to advise all tenders where cables are located. DH noted that public road services is a contractor responsibility. DH accepted that BMCL may not have included an allowance in their tender. DH enquired whether FES could be contracted to move the SPEN cable. DH advised that he would discuss this with PM and ASm. (28/11/2014) DH noted that there was 1 cable inside the site (Board own) and FES were being instructed to carry out the works w/c 20<sup>th</sup> Jan 2014. Liaison was ongoing with SPEN re getting them to drop their cable in the existing location rather than move their cable (11/12/2013) DH advised that he had considerable communication with SPEN and saw no issue with the 20<sup>th</sup> Jan 2014 – SPEN just closing out the paperwork. DH queried the change of access to the site and AK suggested that this would most likely be mid/end Feb. AK noted that tarmac would need to be put onto the Fire Road. AK would have an action plan for the change in access by end of Jan 2014. (19/12/2013) item can now be removed as information has been received (09/01/2014) AK noted that FES had started their works and SPEN were due to commence works w/c 20/01/2014. (16/01/2014) **AK noted that works to both cables were on-going. AK suggested that the gate change would be in circa 2-3 weeks. DH enquired if BMCL understood the car park connections and DP advised that KH and ASmith were discussing this. (23/01/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM



noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) **PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DH would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014)**

- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie. (?) DH advised that it was proposed to meet w/c 20/01/2014 and GW agreed to confirm asap that Fraser can attend the proposed meeting (16/01/2014) **DH noted that there had been a meeting with BMCL the previous day. Some gaps in the information provided had been identified and the NHS Team await an update. DH had asked for a plan of what is being done and when. (23/01/2014)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) **DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014)**
- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms.

(21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). DH reported that FWraith was planning meetings for several of the specialist areas and liaising with AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014) DH advised that the NHS are meeting with a supplier on 17/01/2014. Af noted that he did not have any dates for meetings and that it was critical that meetings happen as BMCL need to understand the NHS delivery dates. DP advised that BMCL needed to understand any services requirements. DH reported that the 3 MRIs were due to be delivered 30/31<sup>st</sup> March 2014. GW advised that he needed an understanding of all the group 5 equipment for insurance purposes. (16/01/2014) **It was noted that further to an internal NHS meeting that the MRIs will now be scheduled to be delivered later 2014 however there were further meetings regarding the Group 5 equipment taking place over the remainder of the week. DP advised that BMCL are pulling together a schedule of key dates (23/01/2014)**


- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013) AK noted that other trades had now started and there were others to start January 2014. BMCL progressing on the basis of the revised programme based on 12<sup>th</sup> May. Temporary escape route to be identified (19/12/2013). AK reported that he was preparing proposals for NHS to ensure that fire escape on to site was in situ for the use of the car park as this is hope to be in use before the hospitals are handed over. Programme for completion of the car park is under review after the recent Christmas break and AK will update D/H (09/01/2014) AK noted that he had a proposal to review with DS before presenting to the NHS. PM noted that the NHS needed to understand when BMCL would be carrying out the junction works. (16/01/2014) **PM advised that he was awaiting an indication of when the hammerhead works to be carried out. AK noted that a date for these works had not been set and he needed to liaise with Dunne. AK suggested that the works would be carried out early to mid Feb. A further programme of the Car Park works had been produced on the 12<sup>th</sup> May 2014 target date. The berri barrier works would be commenced 3<sup>rd</sup> Feb 2014. (23/01/2014)**
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) **DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014)**
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014)
- Power supply for MRI chillers – DH sought clarification about the BMCL proposals to terminate (23/01/2014)
- LIG 073 – NHS putting some LIG 073 back into aseptic and BMCL to confirm quantity of LO73 then PMI to be provided (23/01/2014)
- Resus Gantries - DP requested confirmation of the way forward re resus gantries. DH confirmed that resus gantries no longer required however unistrut to remain. (23/01/2014)



- Power and data/Bus Realtime Information points (inside the atrium) – DP requested that a schematic of how this will work is to be provided i.e. inside and outside points.  
(23/01/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 05/02/2014:


<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p>	
			31/10/2013	<p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg</p>	

			<p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p>	<p>target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	<p>04/12/2013</p> <p>12/12/2013</p>	<p>We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).</p> <p><i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</i></p> <p>GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be</p>	

			19/12/2013	advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).	
			09/01/2014	DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.	
			16/01/2014	DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.	
			23/01/2014	GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.	
			30/01/2014	DH noted that no further back-up had been received by the NHS so the Board had undertaken their own assessment and re-issued this back to BMCL for review.	
				GW noted that a compromise solution was required. DH noted that the additional data points were point to point and the power is on a ring. GW noted that an additional board needed to be put in. DH requested that BMCL justify the costs provided to the NHS. GW noted that operatives will need to go back into areas to put in the additional power and data. DH and GW to discuss.	
				JB noted that definitive information was awaited from Mercury re circuitry. DH noted that the NHS Had received the costs and that DR and GW should discuss. GW noted that he was awaiting information from Mercury for the discussion with DR.	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 05/02/2014

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage.	
			19/09/2013	PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.	
			26/09/2013	WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.	
			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing.	


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			<p>10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013  19/12/2013 09/01/2014 16/01/2014 23/01/2014</p>	<p>AK noted that he was assuming that all buildings would be emptied at the same time. WIP by BMCL AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS. AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc. AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time. AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion. AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through. Meeting of AK and PM to be arranged to discuss AK queries. Meeting to be scheduled to review some aspects of the work Noted that AK and PM were meeting later that day to discuss BMCL queries. <b>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014  16/01/2014 23/01/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required. DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS. <b>DP advised that he had put the alert to Mercury and Balmoral. DP suggested that the support structure for the lid could be drilled and make it into a colander. DH requested that this be provided as a formal</b></p>	

			30/01/2014	proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Balmoral. DP noted that he would push Mercury and Balmoral for a response. DP had liaised with Mercury the previous day.	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 05/02/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013 21/11/2013 28/11/2013  12/12/2013 19/12/2013 09/01/2014  23/01/2014 30/01/2014	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap. DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded. DS confirmed that response still awaited from Building Control DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised. DS was scheduled to meet with Raymond Barlow. DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI	11/10/2013	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation	07/11/2013

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		ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013 07/11/2013 23/01/2013</p> <p>28/01/2013</p> <p>30/01/2014</p>	<p>of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works.</p> <p>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed.</p> <p>DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.</p> <p><b>Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.</b></p>	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul>	

			<p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>07/11/2013 14/11/2013</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown. Noted that BMCL will review the PMI and provide feedback. PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>21/11/2013 28/11/2013</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing. DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>12/12/2013</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>19/12/2013</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>09/01/2014</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>16/01/2014</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>23/01/2014</p> <p>DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p> <p>30/01/2014</p> <p>DH noted this is wip and there is a meeting with SPT on the 5<sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>This PMI replaces PMI-217 which should be cancelled. The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge. The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity</p>	

			<p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p>	<p>and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p> <p>DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.</p> <p><b>DR advised that he had provided comment back to GW – DR and GW to discuss.</b></p>	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	<p>24/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p>	<p>Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms. Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list.</p> <p>It was decided that a meeting would be arranged in order to ascertain the correct cabinets to be ordered and a further PMI issued</p> <p>PM noted that there were 6/7 cabinets in radiology. PM would liaise with FW to check if confirmation had been provided to BMCL re these cabinets. DS noted that he had thought that a meeting was to be arranged. PM advised that he had a discussion with GW and AKerr and had offered to meet with BMCL if needed and had no request for a meeting as yet. DS &amp; GW agreed to liaise with AKerr and RNetherey re need for a meeting. It was noted that the drug cabinets will be dealt with through the equipment list.</p> <p>PM noted that he was meeting with AKerr and RNetherey on 28/01/2014 to close out any outstanding issues.</p> <p><b>PM advised that he had met with AKerr and RNetherey to agree the way forward. PM would provide a PMI to clarify the way forward. PM noted that there was no commercial issues.</b></p>	
2410	PMI 264	Adult & Children's Hospital Aseptic Unit Clarification on requirement for Illuminated Sign Lights	29/01/2014	<p>Aseptic Unit - additional room in use sign lights.</p> <p>Confirmation of RDD return 17.12.13; supply and install additional 'room in use' lights LIG073 required to clean changing areas. As a result of this a further 6 No. light switches SWC076 are also required to operate sign lights. Group 1 equipment list to be updated to suit.</p>	
2411	PMI 265	Adult & Children's Hospital	29/01/2014	Clarification of Requirements for Renal Installation	

		- Renal Installation		<p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:  NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.  NSGH OPD Nurses Base - 2 mimic panels.  NSGH Critical Care - 1 indicator panel.  NCH Workshop - 2 mimic panels.  NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.  NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p>	
2424	PMI 266	Clock (CLO003) Connection	05/02/2014	<p>The Board wish to confirm that there is no requirement to connect the clocks (CLO003) in NCH Anaesthetic rooms to the Theatre Suite central clock system.</p> <p>CLO003 is a group 2 item and will be provided by the Board</p>	
2425	PMI 267	Hoist tracks - Wards - Level 6 upwards	05/02/2014	<p>The Board confirm that hoist tracks in wards from level 6 upwards should be set a minimum of 1165mm from the bedhead wall, providing consistency of location across the rooms on these levels.</p>	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). DP confirmed that this was a WIP (24/10/2013). No change to status (09/01/2014) DP advised that he had a meeting scheduled with JBushfield. (16/01/2014) **DP noted that the meeting with JBushfield had not taken place and needed to be rescheduled. (23/01/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural

drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) **PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014)**

- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie. (?) DH advised that it was proposed to meet w/c 20/01/2014 and GW agreed to confirm asap that Fraser can attend the proposed meeting (16/01/2014) DH noted that there had been a meeting with BMCL the previous day. Some gaps in the information provided had been identified and the NHS Team await an update. DH had asked for a plan of what is being done and when. (23/01/2014) **JB advised that JB and GW had met with Doig & Smith and an update would be provided to DH further to the email sent from JB to DH (30/1/2014)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) **DH advised that the preparation of the application pack was progressing well. SEPA**



were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014)



- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). DH reported that FWrath was planning meetings for several of the specialist areas and liaising with AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014) DH advised that the NHS are meeting with a supplier on 17/01/2014. Af noted that he did not have any dates for meetings and that it was critical that meetings happen as BMCL need to understand the NHS delivery dates. DP advised that BMCL needed to understand any services requirements. DH reported that the 3 MRIs were due to be delivered 30/31<sup>st</sup> March 2014. GW advised that he needed an understanding of all the group 5 equipment for insurance purposes. (16/01/2014) It was noted that further to an internal NHS meeting that the MRIs will now be scheduled to be delivered later 2014 however there were further meetings regarding the Group 5 equipment taking place over the remainder of the week. DP advised that BMCL are pulling together a schedule of key dates (23/01/2014) It was noted that the same carrier is delivering all the equipment. The Method statements, risk assessments and dates for delivery will be provided w/c 03/02/2014. FW is liaising with Alan Stephen. AFe was looking at an option to locate all the equipment into a few rooms – there are 3 rooms that are lockable. GW enquired if there would be any change to the insurance coverage. DH noted that the NHS were finalizing the list of equipment which will be delivered to site. The contractor will be responsible for protection to the vinyl from the department doors to the storage/holding room. AFe advised that BMCL needed 1 point of contact through Peter. (30/01/2014)
- Car Park – AK advised there had been no improvement to the Dunne programme as yet – the programme continues to be under review. AK wanted to get the first berry barriers installed so can assess the duration of the berry barrier install works. BMCL will re-programme the car park programme. (21/11/2013) JB noted that BMCL were still to identify the recovery programme. DL advised that he was advising the NHS Board Committees that BMCL had advised that the completion date was unchanged. (28/11/2013). AK noted that progress was not as desired and the programme was being reviewed. (12/12/2013) AK noted that other trades had now started and there were others to start January 2014. BMCL progressing on the basis of the revised programme based on 12<sup>th</sup> May. Temporary escape route to be identified (19/12/2013). AK reported that he was preparing proposals for NHS to ensure that fire escape on to site was in situ for the use of the car park as this is hope to be in use before the hospitals are handed over. Programme for completion of the car park is under review after the recent Christmas break and AK will update D/H (09/01/2014) AK noted that he had a proposal to review with DS before presenting to the NHS. PM noted that the NHS needed to understand when BMCL would be carrying out the junction works. (16/01/2014) PM advised that he was awaiting an indication of when the hammerhead works to be carried out. AK noted that a date for these works had not been set and he needed to liaise with Dunne. AK suggested that the works would be carried out early to mid Feb. A further programme of the Car Park works had been produced on the 12<sup>th</sup> May 2014 target date. The berri barrier works would be commenced 3<sup>rd</sup> Feb 2014. (23/01/2014) AK advised that Saturday 1<sup>st</sup> Feb was the date identified to break out the concrete. (30/01/2014)
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014)

- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014)
- Power and data/Bus Realtime Information points (inside the atrium) – DP requested that a schematic of how this will work is to be provided i.e. inside and outside points. (23/01/2014) DH agreed to provide a schematic to BMCL. (30/01/2014)
- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014)
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale have worked up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014)
- Hoists/Slings/Charging points – DH and BMCL to discuss (30/01/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 12/02/2014:


<div style="float: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			<p>08/01/14</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>06/02/2014</p>	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p> <p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet. DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p> <p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be</p>	

			<p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p>	<p>provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	<p>04/12/2013</p>	<p>We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).</p> <p><i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a</i></p>	

			12/12/2013	cost for the additional points. NHS will then liaise with YCF. (21/11/2013)) GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).	
			19/12/2013	DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations. DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.	
			09/01/2014	GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.	
			16/01/2014	DH noted that no further back-up had been received by the NHS so the Board had undertaken their own assessment and re-issued this back to BMCL for review.	
			23/01/2014	GW noted that a compromise solution was required. DH noted that the additional data points were point to point and the power is on a ring. GW noted that an additional board needed to be put in. DH requested that BMCL justify the costs provided to the NHS. GW noted that operatives will need to go back into areas to put in the additional power and data. DH and GW to discuss.	
			30/01/2014	JB noted that definitive information was awaited from Mercury re circuitry. DH noted that the NHS Had received the costs and that DR and GW should discuss. GW noted that he was awaiting information from Mercury for the discussion with DR.	
			06/02/2014	PM advised that the NHS were awaiting confirmation from YCF re payment. JB noted that all apties had agreed the numerical implications/equipment list change. JB advised that BMCL would expect a PMI and CE so that BMCL can instruct the works as scaffolding is being taken down in that area.	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.	
			06/02/2014	It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 12/02/2014


					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	

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			19/12/2013 09/01/2014 16/01/2014 23/01/2014	Meeting of AK and PM to be arranged to discuss AK queries. Meeting to be scheduled to review some aspects of the work Noted that AK and PM were meeting later that day to discuss BMCL queries. <b>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</b>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014 23/01/2014  30/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required. DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS. <b>DP advised that he had put the alert to Mercury and Balmoral. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Balmoral.</b> <b>DP noted that he would push Mercury and Balmoral for a response. DP had liaised with Mercury the previous day.</b>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 12/02/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013 03/10/2013 10/10/2013 24/10/2013 07/11/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP. DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything	

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			<p>14/11/2013 21/11/2013 28/11/2013</p> <p>12/12/2013 19/12/2013 09/01/2014</p> <p>23/01/2014 30/01/2014</p>	<p>untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap. DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded. DS confirmed that response still awaited from Building Control DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised. DS was scheduled to meet with Raymond Barlow. <b>DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</b></p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>11/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013 07/11/2013 23/01/2013</p> <p>28/01/2013</p> <p>30/01/2014</p>	<p>Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed. DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top. Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish. <b>Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.</b></p>	07/11/2013



2307	PMI 252	Group 1 Equipment Surgical Image Viewing	13/11/2013	Amendment to existing PMI (added 12/02/2014): The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE - 092	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p>	
			07/11/2013	Noted that BMCL will review the PMI and provide feedback.	
			14/11/2013	PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.	
			21/11/2013	WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.	
			28/11/2013	DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
			12/12/2013	DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being	

			<p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p>	<p>no requirement to revisit the RCC.</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p> <p>DH noted this is wip and there is a meeting with SPT on the 5<sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.</p> <p>PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p>	

			16/01/2014  23/01/2014 30/01/2014 06/02/2014	AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs. DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014. DR advised that he had provided comment back to GW – DR and GW to discuss. PM advised that the Board did not wish the works to be taken forward at this time. DH noted that BMCL are to review the proposed route and associated costs. DH and GW will work on a simplified route to minimize costs. AK raised concern regarding the purchase of the pipes and PM advised that it was ok for BMCL to purchase the pipes as the works would need to be carried out at some point. AK and GW to discuss the works and programme.	
2380	PMI 262	ADULT & CHILDRENS HOSPITALS CONTROLLED DRUGS CABINETS	24/12/2013  09/01/2014  16/01/2014   23/01/2014  30/01/2014	Confirmation of requirements for metal controlled drugs cabinets in clean utility rooms. Please install metal CD cabinets as per the attached schedule. Amendment to requirements to be accommodated through the Group 1 equipment list. It was decided that a meeting would be arranged in order to ascertain the correct cabinets to be ordered and a further PMI issued PM noted that there were 6/7 cabinets in radiology. PM would liaise with FW to check if confirmation had been provided to BMCL re these cabinets. DS noted that he had thought that a meeting was to be arranged. PM advised that he had a discussion with GW and AKerr and had offered to meet with BMCL if needed and had no request for a meeting as yet. DS & GW agreed to liaise with AKerr and RNetherey re need for a meeting. It was noted that the drug cabinets will be dealt with through the equipment list. PM noted that he was meeting with AKerr and RNetherey on 28/01/2014 to close out any outstanding issues. PM advised that he had met with AKerr and RNetherey to agree the way forward. PM would provide a PMI to clarify the way forward. PM noted that there was no commercial issues.	
2410	PMI 264	Adult & Children's Hospital Aseptic Unit Clarification on requirement for Illuminated Sign Lights	29/01/2014  06/02/2014	Aseptic Unit - additional room in use sign lights. Confirmation of RDD return 17.12.13; supply and install additional 'room in use' lights LIG073 required to clean changing areas. As a result of this a further 6 No. light switches SWC076 are also required to operate sign lights. Group 1 equipment list to be updated to suit. It was agreed that this item could be closed.	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	Clarification of Requirements for Renal Installation Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.  Panel locations: NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH. NSGH OPD Nurses Base - 2 mimic panels. NSGH Critical Care - 1 indicator panel. NCH Workshop - 2 mimic panels. NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011. NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.	

				Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.	
2424	PMI 266	Clock (CLO003) Connection	05/02/2014  06/02/2014	The Board wish to confirm that there is no requirement to connect the clocks (CLO003) in NCH Anaesthetic rooms to the Theatre Suite central clock system. CLO003 is a group 2 item and will be provided by the Board <b>The panels should be indicated on the 400 series drawings/ as built drawings as CLO001. DS agreed to check this with Nightingale before being closed off.</b>	
2425	PMI 267	Hoist tracks - Wards - Level 6 upwards	05/02/2014  06/02/2014	The Board confirm that hoist tracks in wards from level 6 upwards should be set a minimum of 1165mm from the bedhead wall, providing consistency of location across the rooms on these levels. DP noted that there had been a major exercise done re sprinkler locations. DH advised that he had discussed the matter with GB – only moving the tracks 100mm and only 3 brackets installed so far and nothing else installed.	
2427	PMI 268 -	Bus Timetable Information Screens	06/02/2014	The Board request a cost for the provision of power and data to 3no. bus timetable information screens. one twin (OUT010) 13A socket and one twin data (OUT131) to be provided at each location as shown on the attached mark-ups. Allowance to be included, where necessary, for pattressing to support large 54"/70" monitors as noted.	
2428	PMI 269	EMC-129 - Additional Power & Data	06/02/2014	The Board request the provision of additional power & data (DATA1000) to the second desk position in room EMC-129 (office) within Adult Emergency Dept. The provision will include an additional length of TRU1000 in order to provide the outlets at the correct location. Costs to be agreed in advance of the works and allocated to the Group 1 Equipment List.	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER & DATA	07/02/2014	Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity.	
2432	PMI 271	ADULT HOSPITAL LEVEL 2 ENTRANCE DOOR TO THEATRE SUITE	07/02/2014	At entrance door from atrium walkway to theatre suite (to corridor THE-005) reposition cable to existing OUT-131 outlet in Room THE-004 to adjacent to entrance door on atrium side, connect to OUT121 outlet plate. Refer attached sketch, outlet to be set at standard height for wall phone. Point to be picked up on Group 1 equipment list.	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014	Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification.	

CE for Ground Water monitoring to be concluded

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage which was nearing close out. The NHS and BMCL were in agreement re the way forward. DP advised that John Bushfield would be visiting the site to discuss (06/06/2013) DP to provide update on return from leave (04/07/2013). DP noted still chasing this (11/07/2013) DP progressing (18/07/2013) DP advised that he had spoken to John (Wallace Whittle – Glasgow) and he was ok re life safety compliancy. John had asked that a risk assessment be carried out. DP noted that the risk assessment was required as the HV is in a trench. A risk assessment re fire compartmentation needed to be done. DH noted that BMCL needed to ensure that the risk assessment is specific. AS requested that DP ask John to write to NHS and confirm that the system is compliant however he would want a risk assessment provided to the client for review. (25/07/2013) Noted that DP doesn't agree with JB writing to the NHS – NHS need to do a risk assessment. DH suggested that it is query re interpretation of the guidance. DH and DP to discuss – item not time critical. (08/08/2013) DP noted this was WIP – anticipate being able to provide NHS with info in circa 1 month. (22/08/2013) DP advised that this was WIP and a draft would be provided to the NHS as a draft for discussion. (05/09/2013). DP confirmed that this was a WIP (24/10/2013). No change to status (09/01/2014) DP advised that he had a meeting scheduled with JBushfield. (16/01/2014) **DP noted that the meeting with JBushfield had not taken place and needed to be rescheduled. (23/01/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) **MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014)**
- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013)

GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie. (?) DH advised that it was proposed to meet w/c 20/01/2014 and GW agreed to confirm asap that Fraser can attend the proposed meeting (16/01/2014) DH noted that there had been a meeting with BMCL the previous day. Some gaps in the information provided had been identified and the NHS Team await an update. DH had asked for a plan of what is being done and when. (23/01/2014) JB advised that JB and GW had met with Doig & Smith and an update would be provided to DH further to the email sent from JB to DH (30/1/2014) **Noted that JB and DH had met on 05/02/2014 and DH would meet with IP later that day (06/02/2014)**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) **DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014)**
- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). DH reported that FWrath was planning meetings for several of the specialist areas and liaising with AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014) DH advised that the NHS are meeting with a supplier on 17/01/2014. Af noted that he did not have any dates for meetings and that it was critical that meetings happen as BMCL need to understand the NHS delivery dates. DP advised that BMCL needed to understand any services requirements. DH reported that the 3 MRIs were due to be delivered 30/31<sup>st</sup> March 2014. GW advised that he needed an understanding of all the group 5 equipment for insurance purposes. (16/01/2014) It was noted that further to an internal NHS meeting that the MRIs will now be scheduled to be delivered later 2014 however there were further meetings regarding the Group 5 equipment taking place over the remainder of the week. DP advised that BMCL are pulling together a schedule of key dates (23/01/2014) It was noted that the same carrier is delivering all the equipment. The Method statements, risk assessments and dates for delivery will be provided w/c 03/02/2014. FW is liaising with Alan Stephen. AFe was looking at an option to locate all the equipment into a few rooms – there are 3 rooms that are lockable. GW enquired if there would be any change to the insurance coverage. DH noted that the NHS were finalizing the list of equipment which will be delivered to site. The contractor will be





responsible for protection to the vinyl from the department doors to the storage/holding room. AFe advised that BMCL needed 1 point of contact through Peter. (30/01/2014)  
 Noted that a BMCL/NHS meeting was scheduled to take place on Friday. DH advised that he was updating the information for the insurance coverage. (06/02/2014)

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014)
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decasts are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014)
- Power and data/Bus Realtime Information points (inside the atrium) – DP requested that a schematic of how this will work is to be provided i.e. inside and outside points. (23/01/2014) DH agreed to provide a schematic to BMCL. (30/01/2014) Noted that PMI to be provided and followed up with a schematic based on a drawing from DP. (06/02/2014)
- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014)
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014)
- Hoists/Slings/Charging points – DH and BMCL to discuss (30/01/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 19/02/2014:


<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p><b>It was noted that there was no drawings currently outstanding</b></p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3  3.15 Node ICT server room cooling  3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p>	
			31/10/2013	<p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be</p>	

			<p>07/11/2013 provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>14/11/2013 DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>21/11/2013 DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>28/11/2013 DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>12/12/2013 DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>19/12/2013 DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>09/01/2014 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>16/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>23/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>30/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>06/02/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>13/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014  DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p>	
20262	BMCL-EWN-140	Increased power and data requirements to NCH atrium interactive screens and pods	<p>04/12/2013 We have been advised by Nightingales and Graham Rose of the Glasgow Science Centre that the power and data requirements currently being provided for the board supplied interactive screens and pods in the NCH atrium is inadequate. BMCE originally allowed for 20 no power outlets and 20 no data points based on the limited information provided under PMI 163. The current scheme shows 40 no double power outlets and 30 no double data points (drawings attached).</p> <p><i>(Lifted from Additional Notes - YCF1/YCF2 – BMCL are concerned that additional power and data sockets had been discussed with JBailey. A schedule was being prepared of what had been previously asked for against the potential new requirements as it was difficult to understand the need for the 'doubling' of points. It was noted that the number of screens had decreased from 20 to 16. The need for the additional</i></p>	

			<p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>points would need to be challenged as the scheme had allowed for double power and data. (14/11/2013) GW advised that there had been agreement re what the additional points are. BMCL were obtaining a cost for the additional points. NHS will then liaise with YCF. (21/11/2013))</p> <p>GW advised that the additional requirements had now been agreed and a quote was being prepared (up to 4 double extras for power and data). DS raised concern that the Science Centre was contacting Nightingale directly. DL advised that BMCL should request that Nightingale do not accept any direct communication from the Science Centre. DS suggested that the Science Centre changes should be advised to BMCL by the Project Team and it would be useful if the NHS Team could confirm to the Science Centre that they should not contact Nightingale direct. (28/11/2013).</p> <p>DH noted that the cost is required so the NHS can feed back to YCF. GW agreed to progress. DS noted that BMCL will need to get the Nightingale drawings updated. PM requested that BM provide a drawing showing the revised requirements. GW noted that BMCL only had a drawing which JBaillie had marked up. DH advised that it was additional points not new locations.</p> <p>DH advised that a revised cost was awaited by the NHS and the current quote was under review however the NHS did not consider it was reasonable.</p> <p>GW noted that costs had now been received and each point will cost £330 as these are now out of sequence for the contractor and will require to be carried out during overtime and weekend periods. DH has asked GW for justification for costs as it was anticipated that it was not a new electrical ring being created but some additional points being added.</p> <p>DH noted that no further back-up had been received by the NHS so the Board had undertaken their own assessment and re-issued this back to BMCL for review.</p> <p>GW noted that a compromise solution was required. DH noted that the additional data points were point to point and the power is on a ring. GW noted that an additional board needed to be put in. DH requested that BMCL justify the costs provided to the NHS. GW noted that operatives will need to go back into areas to put in the additional power and data. DH and GW to discuss.</p> <p>JB noted that definitive information was awaited from Mercury re circuitry. DH noted that the NHS Had received the costs and that DR and GW should discuss. GW noted that he was awaiting information from Mercury for the discussion with DR.</p> <p>PM advised that the NHS were awaiting confirmation from YCF re payment. JB noted that all apties had agreed the numerical implications/equipment list change. JB advised that BMCL would expect a PMI and CE so that BMCL can instruct the works as scaffolding is being taken down in that area.</p> <p>Item closed. Cross ref with PMI 270</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 19/02/2014


					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	

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			19/12/2013 09/01/2014 16/01/2014 23/01/2014	Meeting of AK and PM to be arranged to discuss AK queries. Meeting to be scheduled to review some aspects of the work Noted that AK and PM were meeting later that day to discuss BMCL queries. <b>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</b>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014 23/01/2014  30/01/2014  13/02/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required. DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS. DP advised that he had put the alert to Mercury and Balmoral. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Balmoral. DP noted that he would push Mercury and the Tank Manufacturer for a response. DP had liaised with Mercury the previous day. <b>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert..</b>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 19/02/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013  19/09/2013  03/10/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room DS advised that BMCL were reviewing the building regs application as will need to submit an amendment. PM noted this was WIP.	

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			<p>10/10/2013 24/10/2013 07/11/2013</p> <p>14/11/2013 21/11/2013 28/11/2013</p> <p>12/12/2013 19/12/2013 09/01/2014</p> <p>23/01/2014 30/01/2014</p> <p>13/02/2014</p>	<p>DS advised that confirmation was awaited from Building Control re the sprinkler omission. Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission. Response awaited from Building Control</p> <p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p>DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p>DS was scheduled to meet with Raymond Barlow.</p> <p>DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</p> <p>DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.</p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>11/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013 07/11/2013 23/01/2013</p> <p>28/01/2013</p>	<p>Confirmation of requirements for floor screeds to 3 rooms.</p> <p>Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p> <p>PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works.</p> <p>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed.</p> <p>DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG</p>	07/11/2013



			30/01/2014 13/02/2014	064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish. Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss. <b>GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH.</b>	
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	12/02/2014 13/02/2014	Amendment to existing PMI raised 13/11/2013: The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE - 092 <b>GW advised that BMCL would review the implications of the amendment.</b>	
2317	PMI 254	Alterations to Arrival Square	06/11/2013          07/11/2013 14/11/2013  21/11/2013 28/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.  The key features are now: * omission of signals to prioritise Fastlink over other buses (6 columns) * omission of raised pedestrian crossing and replacement with drop-kerbs and road markings * Omission of lay-by immediately outside Adult entrance and infill with granite to match * Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT * Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs * Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping * Altered road markings  GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.  Please provide comments on the revised proposals and updated costs to amend the external works as shown. Noted that BMCL will review the PMI and provide feedback. PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit. WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing. DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed	

			<p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p> <p>DH noted this is wip and there is a meeting with SPT on the 5<sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.</p> <p>PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.</p> <p>PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GGC and the road designers in order to get a consensus view. PM advised he would issue a PMI to confirm the way forward i.e. take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC</p> <p>PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan.</p> <p>It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC</p>	
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			<p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p>	<p>meeting was to be arranged. PM advised that he had a discussion with GW and AKerr and had offered to meet with BMCL if needed and had no request for a meeting as yet. DS &amp; GW agreed to liaise with AKerr and RNetherey re need for a meeting. It was noted that the drug cabinets will be dealt with through the equipment list.</p> <p>PM noted that he was meeting with AKerr and RNetherey on 28/01/2014 to close out any outstanding issues.</p> <p>PM advised that he had met with AKerr and RNetherey to agree the way forward. PM would provide a PMI to clarify the way forward. PM noted that there was no commercial issues.</p> <p>Updated PMI issued therefore item closed.</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p> <p>NSGH Critical Care - 1 indicator panel.</p> <p>NCH Workshop - 2 mimic panels.</p> <p>NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.</p> <p>NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p>	
2424	PMI 266	Clock (CLO003) Connection	<p>05/02/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>The Board wish to confirm that there is no requirement to connect the clocks (CLO003) in NCH Anaesthetic rooms to the Theatre Suite central clock system.</p> <p>CLO003 is a group 2 item and will be provided by the Board</p> <p>The panels should be indicated on the 400 series drawings/ as built drawings as CLO001. DS agreed to check this with Nightingale before being closed off.</p> <p>DS requested that this item remains on the tracker until feedback from Nightingale had been obtained noting that the RDS would need to be amended.</p>	
2425	PMI 267	Hoist tracks - Wards - Level 6 upwards	<p>05/02/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>The Board confirm that hoist tracks in wards from level 6 upwards should be set a minimum of 1165mm from the bedhead wall, providing consistency of location across the rooms on these levels.</p> <p>DP noted that there had been a major exercise done re sprinkler locations. DH advised that he had discussed the matter with GB – only moving the tracks 100mm and only 3 brackets installed so far and nothing else installed.</p> <p>DS advised that BMCL have reviewed and issued to the designers and Arjo to check that there are no issues.</p>	

2427	PMI 268 -	Bus Timetable Information Screens	06/02/2014  13/02/2014	The Board request a cost for the provision of power and data to 3no. bus timetable information screens. one twin (OUT010) 13A socket and one twin data (OUT131) to be provided at each location as shown on the attached mark-ups. Allowance to be included, where necessary, for pattressing to support large 54"/70" monitors as noted. GW noted that BMCL had requested a cost for the works and there was concern re location for the adult screens (i.e. no wall)	
2428	PMI 269	EMC-129 - Additional Power & Data	06/02/2014  13/02/2014	The Board request the provision of additional power & data (DATA1000) to the second desk position in room EMC-129 (office) within Adult Emergency Dept. The provision will include an additional length of TRU1000 in order to provide the outlets at the correct location. Costs to be agreed in advance of the works and allocated to the Group 1 Equipment List. GW noted that BMCL had requested a cost for the works noting that this was a finished room.	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER & DATA	07/02/2014  13/02/2014	Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for the works	
2432	PMI 271	ADULT HOSPITAL LEVEL 2 ENTRANCE DOOR TO THEATRE SUITE	07/02/2014  13/02/2014	At entrance door from atrium walkway to theatre suite (to corridor THE-005) reposition cable to existing OUT-131 outlet in Room THE-004 to adjacent to entrance door on atrium side, connect to OUT121 outlet plate. Refer attached sketch, outlet to be set at standard height for wall phone. Point to be picked up on Group 1 equipment list. GW noted that BMCL had requested a cost for the works	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014  13/02/2014	Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap.	

CE for Ground Water monitoring to be concluded

**Other items that require discussion:**

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) **PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014)**



- Lifecycle Costing – DH advised that he had requested the lifecycle costing as the NHS want to understand the allowances/assumptions made (i.e. includes the CHP)14/11/2013. Noted that this is WIP. (21/11/2013) GW advised that the rep (Fraser) was on annual leave and GW would follow this up w/c 2<sup>nd</sup> Dec 2013 (28/11/2013) GW advised that Fraser was reviewing the A&C however BMCL had the Energy Centre lifecycle costing information if required. (12/12/2013) DH advised that he had received the document however he needed Doig & Smith to explain how the document had been built up – GW agreed to organize a meeting. (19/12/2013). Grant Wallace to confirm availability of Fraser Dunlop (D&S) and arrange meeting to review Lifecycle Costs content with Ian Powrie. (?) DH advised that it was proposed to meet w/c 20/01/2014 and GW agreed to confirm asap that Fraser can attend the proposed meeting (16/01/2014) DH noted that there had been a meeting with BMCL the previous day. Some gaps in the information provided had been identified and the NHS Team await an update. DH had asked for a plan of what is being done and when. (23/01/2014) JB advised that JB and GW had met with Doig & Smith and an update would be provided to DH further to the email sent from JB to DH (30/1/2014) Noted that JB and DH had met on 05/02/2014 and DH would meet with IP later that day (06/02/2014) **GW advised that BMCL had provided all the information available. DH to discuss with GW what they want BMCL to do (13/02/2014)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) **DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014)**
- Specialist Fit out areas – there are some rooms which have group 5 specialist fit-out and as BMCL do not know the programme for fit out then they are unable to carry out the group 1 fit out i.e. no wall so cannot install shelves. BMCL proposed that the NHS specialist contractor should be requested to carry out the group 1 fit out in the MRI rooms. (21/11/2013) GW suggested that PM had advised that he would confirm to BMCL the way forward (28/11/2013) DH noted that BMCL were to provide confirmation that the cabinets were non-ferrous. If confirmation is that they are non-ferrous then these can be purchased and handed over to the fit-out contractor. Discussion required between NHS and BMCL as to how BMCL can accommodate the delivery and storage of group 5 equipment. (12/12/2013) It was noted that discussion with suppliers would commence 1<sup>st</sup> week January 2014 however a meeting of the NHS with the MRI supplier had been scheduled for 20/12/2013 in order to understand what can and cannot do for all 3 MRIs. DP reported that there would not be stable environmental conditions in March 2014. DH noted that the general X-ray rooms equipment was from a single supplier and the CT Scanners is from a single supplier. (19/12/2013). DH reported that FWraith was planning meetings for several of the specialist areas and liaising with AFernie to ensure areas would be prepared appropriate for works to take place. Specifications are in preparation to ensure rooms are appropriately kitted to accept equipment. DP to be involved in this process (09/01/2014) DH advised that the NHS are meeting with a supplier on 17/01/2014. Af noted that he did not have any dates for meetings and that it was critical that meetings happen as BMCL need to understand the NHS delivery dates. DP advised that BMCL needed to understand any services requirements. DH reported that the 3 MRIs were due to be delivered 30/31<sup>st</sup> March 2014. GW advised that he needed an understanding of all the group 5 equipment for insurance purposes. (16/01/2014) It was noted that further to an internal NHS meeting that the MRIs will now be scheduled to be delivered later 2014 however there were




further meetings regarding the Group 5 equipment taking place over the remainder of the week. DP advised that BMCL are pulling together a schedule of key dates (23/01/2014). It was noted that the same carrier is delivering all the equipment. The Method statements, risk assessments and dates for delivery will be provided w/c 03/02/2014. FW is liaising with Alan Stephen. AFe was looking at an option to locate all the equipment into a few rooms – there are 3 rooms that are lockable. GW enquired if there would be any change to the insurance coverage. DH noted that the NHS were finalizing the list of equipment which will be delivered to site. The contractor will be responsible for protection to the vinyl from the department doors to the storage/holding room. AFe advised that BMCL needed 1 point of contact through Peter. (30/01/2014) Noted that a BMCL/NHS meeting was scheduled to take place on Friday. DH advised that he was updating the information for the insurance coverage. (06/02/2014) **PM noted that the MRIs and Spec CT will no longer be delivered before 31<sup>st</sup> March therefore no need for BMCL to put in measures to ensure environmental controls are suitable for these machines. (13/02/2014)**

- Pseudomonas in taps. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) **DP advised that he is awaiting a response from Horne (13/02/2014)**
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014) **It was noted that there was a meeting scheduled to take place on the 20<sup>th</sup> Feb to discuss and sign-off the size of the tanks and that BMCL wanted to progress the shed and cladding works and get the pipes across the road. PM advised that there was concern that there is no drain point(s) and water inevitably gets into ducts. AK advised that he would review this. AK noted that where the duct comes across the ambulance bay the duct covers will be concrete. PM noted that he was comfortable with the principles being adopted. (13/02/2014)**
- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014) **GW noted that GW and DH had jointly discussed the equipment list and agreed the list and cost. DH and FW to confirm that they have nothing else to be included. (13/02/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) **DH to check tank deliveries (13/02/2014)**
- Hoists/Slings/Charging points – DH and BMCL to discuss (30/01/2014) – DH and GW having ongoing discussions. Feedback from meeting with Cameron Raeburn awaited (13/02/2014).
- AK noted that BAM are connecting into the BMCL fire main and will need to make a drain connection. The road traffic management will need to start to be co-ordinated and it was anticipated that this would be through the interface meetings. (13/02/2014)
- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. The NHS have taken out dual circuitry, etc therefore not fully complying with the STHMs. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014)

- Finishes – PM noted that in the offices the trunking is nicely sealed to the wall however in the theatres there is gaps between the grilles and wall and ducting not sealed. DP noted that the light fittings and grilles had not been sealed as yet but would be sealed in due course. PM acknowledged that he hadn't seen the schedule of exceptions.  
(13/02/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 26/02/2014:


<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			<p>08/01/14</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p>	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p> <p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p> <p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p> <p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p> <p>It was noted that there was no drawings currently overdue</p> <p><b>It was noted that there was no drawings currently overdue</b></p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the</p>	

			<p>NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>07/11/2013 DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>14/11/2013 DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>21/11/2013 DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>28/11/2013 DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>12/12/2013 DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>19/12/2013 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>09/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>16/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>23/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>30/01/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>06/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>13/02/2014 DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>20/02/2014 DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p>
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20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014 06/02/2014 13/02/2014 20/02/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 26/02/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable</p>	


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			19/12/2013 09/01/2014 16/01/2014 23/01/2014	<p>and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>Meeting to be scheduled to review some aspects of the work</p> <p>Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p><b>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014   16/01/2014  23/01/2014   30/01/2014  13/02/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p><b>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</b></p> <p><b>DP expected to be able to provide a response to the NHS in the next 7-10 days.</b></p>	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 26/02/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.	
			12/12/2013	DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.	
			19/12/2013	DS confirmed that response still awaited from Building Control	
			09/01/2014	DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.	
			23/01/2014	DS was scheduled to meet with Raymond Barlow.	
			30/01/2014	DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
			13/02/2014	DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.	
			20/02/2014	DS advised that he had written to RBarlow on the 13 <sup>th</sup> and 20 <sup>th</sup> Feb specifically on this item and was awaiting a response.	

2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013  17/10/2013  24/10/2013  31/10/2013 07/11/2013 23/01/2013  28/01/2013  30/01/2014 13/02/2014 20/02/2014	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed. DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top. Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish. Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss. GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH. <b>Instruction will be amended as requested by BMCL. GW to advise the cost.</b>	07/11/2013
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	12/02/2014  13/02/2014 20/2/2014	Amendment to existing PMI raised 13/11/2013: The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE – 092 GW advised that BMCL would review the implications of the amendment. <b>BMCL are pulling together the cost. DH noted that the costs should reflect the saving process previously followed. GW noted that BMCL needed to understand what had been finished in the room.</b>	

2317	PMI 254 A51679245	Alterations to Arrival	06/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with	
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		Square		<p>SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p>	
			07/11/2013	Noted that BMCL will review the PMI and provide feedback.	
			14/11/2013	PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.	
			21/11/2013	WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.	
			28/11/2013	DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
			12/12/2013	DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.	
			19/12/2013	DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.	
			09/01/2014	Meeting arranged for 27 <sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held	

			16/01/2014	DH noted that an earlier meeting was not possible therefore the 27 <sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.	
			23/01/2014	DH noted that there were meetings scheduled for 27 <sup>th</sup> Jan and 5 <sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.	
			30/01/2014	DH noted this is wip and there is a meeting with SPT on the 5 <sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.	
			06/02/2014	PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.	
			13/02/2014	PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GCC and the road designers in order to get a consensus view. PM advised he would issue a PMI to confirm the way forward i.e. take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan. It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC had taken place regarding the 3 sets of traffic lights and feedback was awaited. GW and DR to agree costs.	
			20/02/2014	DH noted that a meeting had been scheduled with Alan Anderson at GCC. PM advised that the NHS Reps are meeting with the design reps from LES. DS noted that BMCL are in the process of finalising the order for the 3 sets of traffic lights and were not in a position to order lights for the full requirements. GW noted that he had received a quote from GCC but he was not sure this adequately covered the requirements. DH advised that BMCL should omit only those sets of traffic controls which segregated bus types and that those separating buses from general traffic should remain.. GW noted that GCC appeared to have obtained drawings and have priced for the lights as per the mark-up previously issued by DH. BMCL were scheduled to meet with GCC on 24/02/2014 and requested NHS attendance at this meeting. GW enquired who would contract with Scottish Power as he did not think it was for BMCL to contract with Scottish Power. DH suggested that	

				<p>GCC would liaise direct with Scottish Power for the lights outside the site however the internal lights will be part of the internal lights &amp; infrastructure contract. GW noted that he was trying to get GCC into a position where they confirm what needs to be done as he did not want any liability to be on BMCL for continued power. DS suggested that GCC would satisfy themselves as to where the power comes from and the lights being metered. DH advised that he would liaise with GThomson who has the most recent experience of dealing with traffic light matters at other projects.. DS enquired when the NHS would be meeting with LES and DH advised that the meeting was currently being scheduled for either 25/02, 4/03 or 05/03. DS enquired if BMCL should proceed as is. DH enquired if the information was required before the 6<sup>th</sup> March 2014 and DS advised that BMCL want to order up the lights asap. GW suggested that BMCL could deal with the 3 sets of lights in the first instance and then the transport hub separately. AK enquired about the lead time required and GW advised that Siemens had been instructed to get geared up for the Commonwealth Games work so they will have no-one available to do the lights works in the run-up to the games. DH and PM agreed to discuss and confirm if BMCL should proceed as is.</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p> <p>DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.</p> <p>DR advised that he had provided comment back to GW – DR and GW to discuss.</p>	



		Level 6 upwards	06/02/2014 13/02/2014 20/02/2014	1165mm from the bedhead wall, providing consistency of location across the rooms on these levels. DP noted that there had been a major exercise done re sprinkler locations. DH advised that he had discussed the matter with GB – only moving the tracks 100mm and only 3 brackets installed so far and nothing else installed. DS advised that BMCL have reviewed and issued to the designers and Arjo to check that there are no issues. DS advised that Arjo had completed their co-ordination survey which will be provided to Mercury and then Mercury will provide so provide information to NHS for sign-off.	
2427	PMI 268 -	Bus Timetable Information Screens	06/02/2014 13/02/2014 20/02/2014	The Board request a cost for the provision of power and data to 3no. bus timetable information screens. one twin (OUT010) 13A socket and one twin data (OUT131) to be provided at each location as shown on the attached mark-ups. Allowance to be included, where necessary, for pattressing to support large 54"/70" monitors as noted. GW noted that BMCL had requested a cost for the works and there was concern re location for the adult screens (i.e. no wall) DH advised that it was the intention to fit the TVs to the edge of the slab with brackets and the fitting of the TVs was a Board issue. DP suggested that there had been concern that it is a plasterboard ceiling in that area which may already be up. DP noted that he was comfortable that the cables could be run to the point indicated on the drawings. The NHS will need to consider how they will fit the brackets to the face of the mezzanine level as there is no soffit.	
2428	PMI 269	EMC-129 - Additional Power & Data	06/02/2014 13/02/2014 20/02/2014	The Board request the provision of additional power & data (DATA1000) to the second desk position in room EMC-129 (office) within Adult Emergency Dept. The provision will include an additional length of TRU1000 in order to provide the outlets at the correct location. Costs to be agreed in advance of the works and allocated to the Group 1 Equipment List. GW noted that BMCL had requested a cost for the works noting that this was a finished room. GW to provide cost	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER & DATA	07/02/2014 13/02/2014 20/02/2014	Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for the works PM advised that he would provide the CE once it had been through the ASSB approval process – circa 20/03/2014	
2432	PMI 271	ADULT HOSPITAL LEVEL 2 ENTRANCE DOOR TO THEATRE SUITE	07/02/2014 13/02/2014	At entrance door from atrium walkway to theatre suite (to corridor THE-005) reposition cable to existing OUT-131 outlet in Room THE-004 to adjacent to entrance door on atrium side, connect to OUT121 outlet plate. Refer attached sketch, outlet to be set at standard height for wall phone. Point to be picked up on Group 1 equipment list. GW noted that BMCL had requested a cost for the works	



2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014 13/02/2014 20/02/2014	<p>Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap.</p> <p>DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info.</p>	
2449	PMI 273	Neurosciences Building	21/02/2014	<p>The Board have undertaken an initial feasibility study into a potential extension to the main entrance of the Neurosciences building. The initial scheme incorporates sections of the new link bridge constructed. A copy of the initial feasibility plans attached to this PMI.</p> <p>BMCE are instructed to submit a price activity schedule to undertake the development of the Board requirements to RIBA Plan of Work 2013 Stage 2 – “Prepare <b>Concept Design</b>, including outline proposals for structural design, building services systems, outline specifications and preliminary <b>Cost Information</b> along with relevant <b>Project Strategies</b> in accordance with <b>Design Programme</b>. Agree alterations to brief and issue <b>Final Project Brief</b>.”</p> <p>The key deliverables will be:-</p> <ol style="list-style-type: none"> <li>1. Agreed client brief</li> <li>2. Floor plans drawings (1:200 scale)</li> <li>3. Elevation drawings (1:200 scale)</li> <li>4. 3D visuals of interior and exterior images</li> <li>5. Outline structural drawings (foundations / frame)</li> <li>6. Outline building services schematics</li> <li>7. Design &amp; construction programme</li> <li>8. Input to cost plan for proposed work (prepared by Currie &amp; Brown)</li> <li>9. Priced Activity Schedule to develop project to RIBA Plan of Work 2013 Stage 4 (agree Compensation Event target Price Adjustment).</li> </ol> <p>The works to RIBA Plan of Work 2013 Stage 2 should be completed within one month of approval to proceed.</p> <p>The scheme has to be developed within a £2,000,000 excluding VAT design and construction budget.</p>	

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014) .
- Specialist Fit out areas – item to remain on tracker until equipment delivered (31<sup>st</sup> March 2014). Discussions ongoing with BMCL re storage of equipment. (20/02/2014)
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014)
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014) It was noted that there was a meeting scheduled to take place on the 20<sup>th</sup> Feb to discuss and sign-off the size of the tanks and that BMCL wanted to progress the shed and cladding works and get the pipes across the road. PM advised that there was concern that there is no drain point(s) and water inevitably gets into ducts. AK advised that he would review this. AK noted that where the duct comes across the ambulance bay the duct covers will be concrete. PM noted that he was comfortable with the principles being adopted. (13/02/2014) DH noted that the duct matter had been sorted and


the tank sizing meeting in order to place the order was later that day. AK advised in relation to water getting into the duct that he was considering running any water to the SUDS. (20/2/14)

- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014) GW noted that GW and DH had jointly discussed the equipment list and agreed the list and cost. DH and FW to confirm that they have nothing else to be included. (13/02/2014) GW advised that a further review had been undertaken by BMCL and the equipment list should be issued to the NHS by cop 21/02/2014. (20/02/2014)
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014)
- Hoists/Slings/Charging points – DH and BMCL to discuss (30/01/2014) – DH and GW having ongoing discussions. Feedback from meeting with Cameron Raeburn awaited (13/02/2014). DH advised that Cameron Raeburn had been unable to attend site as arranged and an alternative visit would be arranged. (20/02/2014)
- AK noted that BAM are connecting into the BMCL fire main and will need to make a drain connection. The road traffic management will need to start to be co-ordinated and it was anticipated that this would be through the interface meetings. (13/02/2014) AK advised that he had raised this matter at the Interface meeting. BMCL needed to get more info from BAM i.e. need to know when BAM propose to commission the fire main and make surface drain connection. PM to discuss with PF (20/02/2014)
- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. The Board have concern that the outlets are prone to being broken. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14)
- Finishes – PM noted that in the offices the trunking is nicely sealed to the wall however in the theatres there is gaps between the grilles and wall and ducting not sealed. DP noted that the light fittings and grilles had not been sealed as yet but would be sealed in due course. PM acknowledged that he hadn't seen the schedule of exceptions. (13/02/2014) AK advised that he would check if there had been a reason that the mastic work had not been carried out (20/02/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 05/03/2014:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	


			<p>08/01/14</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>26/02/2014</p>	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p> <p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p> <p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p> <p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p> <p>It was noted that there was no drawings currently overdue</p> <p>It was noted that there was no drawings currently overdue</p> <p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p> <p>Timber cladding will be returned by Hugh McDermott at the end of the week</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the</p>	



			<p>actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>07/11/2013 DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>14/11/2013 DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>21/11/2013 DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>28/11/2013 DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>12/12/2013 DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>19/12/2013 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>09/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>16/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>23/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>30/01/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>06/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>13/02/2014 DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>20/02/2014 DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p>	
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20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B <b>DR has to make recommendations on information provided from BMCL</b>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 26/02/2014

					
SypriD	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013  19/09/2013  26/09/2013  03/10/2013  10/10/2013 17/10/2013  24/10/2012  07/11/2013  21/11/2013  12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be</p>	

			<p>19/12/2013 09/01/2014 16/01/2014 23/01/2014</p> <p>27/02/2014</p>	<p>considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>Meeting to be scheduled to review some aspects of the work</p> <p>Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p> <p>27/02/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 26/02/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.	
			12/12/2013	DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.	
			19/12/2013	DS confirmed that response still awaited from Building Control	
			09/01/2014	DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.	
			23/01/2014	DS was scheduled to meet with Raymond Barlow.	
			30/01/2014	DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
			13/02/2014	DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.	
			20/02/2014	DS advised that he had written to RBarlow on the 13 <sup>th</sup> and 20 <sup>th</sup> Feb specifically on this item and was awaiting a response.	
			27/02/2014	response is anticipated imminently.	

2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.	07/11/2013
			17/10/2013	PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works.	
			24/10/2013	Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity	
			31/10/2013	DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill.	
			07/11/2013	It was agreed this item was now closed.	
			23/01/2013	DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.	
			28/01/2013	Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.	
			30/01/2014	Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.	
			13/02/2014	GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH.	
			20/02/2014	Instruction will be amended as requested by BMCL. GW to advise the cost.	
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	27/02/2014	<b>Costs awaited</b>	
			12/02/2014	Amendment to existing PMI raised 13/11/2013: The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE - 092	
			13/02/2014	GW advised that BMCL would review the implications of the amendment.	
			20/2/2014	BMCL are pulling together the cost. DH noted that the costs should reflect the saving process previously followed. GW noted that BMCL needed to understand what had been finished in the room.	
			27/02/2014	<b>Costs awaited</b>	

2317	PMI 254	Alterations to Arrival Square	06/11/2013	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p>	
			07/11/2013	Please provide comments on the revised proposals and updated costs to amend the external works as shown.	
			14/11/2013	Noted that BMCL will review the PMI and provide feedback.	
				PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.	
			21/11/2013	WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.	
			28/11/2013	DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
			12/12/2013	DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.	
			19/12/2013	DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising	

			09/01/2014	with Jim Fleming. Meeting arranged for 27 <sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held
			16/01/2014	DH noted that an earlier meeting was not possible therefore the 27 <sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.
			23/01/2014	DH noted that there were meetings scheduled for 27 <sup>th</sup> Jan and 5 <sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded.DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.
			30/01/2014	DH noted this is wip and there is a meeting with SPT on the 5 <sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.
			06/02/2014	PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.
			13/02/2014	PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GGC and the road designers in order to get a consensus view . PM advised he would issue a PMI to confirm the way forward i.e.take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan.
			20/02/2014	It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC had taken place regarding the 3 sets of traffic lights and feedback was awaited. GW and DR to agree costs. DH noted that a meeting had been scheduled with Alan Anderson at GCC. PM advised that the NHS Reps are meeting with the design reps from LES. DS noted that BMCL are in the process of finalising the order for the 3 sets of traffic lights and were not in a position to order lights for the full requirements. GW noted that he had received a quote from GCC but he was not sure this adequately covered the requirements. DH advised that BMCL should omit only those sets of traffic controls which segregated bus types and that those separating buses from general traffic should remain.. GW noted that GCC appeared to have obtained drawings and have priced for the lights as



			27/02/2014	<p>per the mark-up previously issued by DH. BMCL were scheduled to meet with GCC on 24/02/2014 and requested NHS attendance at this meeting. GW enquired who would contract with Scottish Power as he did not think it was for BMCL to contract with Scottish Power. DH suggested that GCC would liaise direct with Scottish Power for the lights outside the site however the internal lights will be part of the internal lights &amp; infrastructure contract. GW noted that he was trying to get GCC into a position where they confirm what needs to be done as he did not want any liability to be on BMCL for continued power. DS suggested that GCC would satisfy themselves as to where the power comes from and the lights being metered. DH advised that he would liaise with GThomson who has the most recent experience of dealing with traffic light matters at other projects.. DS enquired when the NHS would be meeting with LES and DH advised that the meeting was currently being scheduled for either 25/02, 4/03 or 05/03. DS enquired if BMCL should proceed as is. DH enquired if the information was required before the 6<sup>th</sup> March 2014 and DS advised that BMCL want to order up the lights asap. GW suggested that BMCL could deal with the 3 sets of lights in the first instance and then the transport hub separately. AK enquired about the lead time required and GW advised that Siemens had been instructed to get geared up for the Commonwealth Games work so they will have no-one available to do the lights works in the run-up to the games. DH and PM agreed to discuss and confirm if BMCL should proceed as is.</p> <p>Meetings, technical and operational, to discuss arrival square scheduled to take place on 4<sup>th</sup> and 6<sup>th</sup> March respectively with SPT and GCC. WSP drawings will be used to discuss the best way forward. Drawings are not yet in the system and DS agreed to progress this and forward a CAD copy of the drawing to DH</p>	
2330	PMI 257	MTHW System – Site Ring	<p>20/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p>	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS</p>	

			<p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p>	<p>point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p> <p>DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.</p> <p>DR advised that he had provided comment back to GW – DR and GW to discuss.</p> <p>PM advised that the Board did not wish the works to be taken forward at this time. DH noted that BMCL are to review the proposed route and associated costs. DH and GW will work on a simplified route to minimize costs. AK raised concern regarding the purchase of the pipes and PM advised that it was ok for BMCL to purchase the pipes as the works would need to be carried out at some point. AK and GW to discuss the works and programme.</p> <p>AK noted that there was difficulty in putting both the O<sub>2</sub> and the MTHW pipes in the same trench. GW provided a hard copy of the costs to DH for review by DR.</p> <p>Costs have been submitted and DR to conclude evaluation of costs. DH agreed to update later today</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	<p>29/01/2014</p> <p>20/02/2014</p> <p>27/02/2014</p>	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p> <p>NSGH Critical Care - 1 indicator panel.</p> <p>NCH Workshop - 2 mimic panels.</p> <p>NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.</p> <p>NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p> <p>DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>DP agreed to pursue with Mercury</p>	
2424	PMI 266	Clock (CLO003) Connection	<p>05/02/2014</p> <p>06/02/2014</p>	<p>The Board wish to confirm that there is no requirement to connect the clocks (CLO003) in NCH Anaesthetic rooms to the Theatre Suite central clock system.</p> <p>CLO003 is a group 2 item and will be provided by the Board</p> <p>The panels should be indicated on the 400 series drawings/ as built drawings as CLO001. DS agreed to check this with Nightingale before being closed off.</p>	

			13/02/2014 20/02/2014 27/02/2014	DS requested that this item remains on the tracker until feedback from Nightingale had been obtained noting that the RDS would need to be amended. DS noted that in general terms the RDS was being updated to the as-builts. In terms of the clocks it was thought that this would be part of the process however confirmation from Nightingale awaited. <b>Information captured in "As BUILTs" – item can now be closed</b>	
2425	PMI 267	Hoist tracks - Wards - Level 6 upwards	05/02/2014 06/02/2014 13/02/2014 20/02/2014 27/02/2014	The Board confirm that hoist tracks in wards from level 6 upwards should be set a minimum of 1165mm from the bedhead wall, providing consistency of location across the rooms on these levels. DP noted that there had been a major exercise done re sprinkler locations. DH advised that he had discussed the matter with GB – only moving the tracks 100mm and only 3 brackets installed so far and nothing else installed. DS advised that BMCL have reviewed and issued to the designers and Arjo to check that there are no issues. DS advised that Arjo had completed their co-ordination survey which will be provided to Mercury and then Mercury will provide so provide information to NHS for sign-off. <b>DH reported that 1 room has been noted as not fitted as per setting out on the drawing – DH asked GB to check – level 4 Zone H. Users would like opportunity to review a completed installed hoist in situ. DH will formally request</b>	
2427	PMI 268 -	Bus Timetable Information Screens	06/02/2014 13/02/2014 20/02/2014 27/02/2014	The Board request a cost for the provision of power and data to 3no. bus timetable information screens. one twin (OUT010) 13A socket and one twin data (OUT131) to be provided at each location as shown on the attached mark-ups. Allowance to be included, where necessary, for pattressing to support large 54"/70" monitors as noted. GW noted that BMCL had requested a cost for the works and there was concern re location for the adult screens (i.e. no wall) DH advised that it was the intention to fit the TVs to the edge of the slab with brackets and the fitting of the TVs was a Board issue. DP suggested that there had been concern that it is a plasterboard ceiling in that area which may already be up. DP noted that he was comfortable that the cables could be run to the point indicated on the drawings. The NHS will need to consider how they will fit the brackets to the face of the mezzanine level as there is no soffit. <b>The screens and brackets will come under Group 3 – cost for data and power is awaited</b>	
2428	PMI 269	EMC-129 - Additional Power & Data	06/02/2014 13/02/2014 20/02/2014	The Board request the provision of additional power & data (DATA1000) to the second desk position in room EMC-129 (office) within Adult Emergency Dept. The provision will include an additional length of TRU1000 in order to provide the outlets at the correct location. Costs to be agreed in advance of the works and allocated to the Group 1 Equipment List. GW noted that BMCL had requested a cost for the works noting that this was a finished room. GW to provide cost	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER &	07/02/2014 13/02/2014	Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for the works	



## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014).  
 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). **PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that seperation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required.**
- Specialist Fit out areas – item to remain on tracker until equipment delivered (31<sup>st</sup> March 2014). Discussions ongoing with BMCL re storage of equipment. (20/02/2014). **27/02/2014 – additional meeting now required with clinicians and this will take time to organize and therefore delay information return to BMCL. It was hoped for a meeting next week but not confirmed**
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from



Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate

- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014) It was noted that there was a meeting scheduled to take place on the 20<sup>th</sup> Feb to discuss and sign-off the size of the tanks and that BMCL wanted to progress the shed and cladding works and get the pipes across the road. PM advised that there was concern that there is no drain point(s) and water inevitably gets into ducts. AK advised that he would review this. AK noted that where the duct comes across the ambulance bay the duct covers will be concrete. PM noted that he was comfortable with the principles being adopted. (13/02/2014) DH noted that the duct matter had been sorted and the tank sizing meeting in order to place the order was later that day. AK advised in relation to water getting into the duct that he was considering running any water to the SUDS. (20/2/14). 27/02/2014 – DH confirmed that Air Products have appropriate tanks readily available. A query was raised regarding certification for lifting and DP confirmed that standard certification is sufficient. DH to advise Ian Powrie in order that quote can be obtained from Air Products and order placed asap. Duct drawing has been reviewed and all are satisfied. Programme in preparation for road crossing works.
- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014) GW noted that GW and DH had jointly discussed the equipment list and agreed the list and cost. DH and FW to confirm that they have nothing else to be included. (13/02/2014) GW advised that a further review had been undertaken by BMCL and the equipment list should be issued to the NHS by cop 21/02/2014. (20/02/2014). GW to finalise list and forward asap.
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker.
- AK noted that BAM are connecting into the BMCL fire main and will need to make a drain connection. The road traffic management will need to start to be co-ordinated and it was anticipated that this would be through the interface meetings. (13/02/2014) AK advised that he had raised this matter at the Interface meeting. BMCL needed to get more info from BAM i.e. need to know when BAM propose to commission the fire main and make surface drain connection. PM to discuss with PF (20/02/2014)
- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn’t been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements




checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMLC and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off.

- Finishes – PM noted that in the offices the trunking is nicely sealed to the wall however in the theatres there is gaps between the grilles and wall and ducting not sealed. DP noted that the light fittings and grilles had not been sealed as yet but would be sealed in due course. PM acknowledged that he hadn't seen the schedule of exceptions (13/02/2014) AK advised that he would check if there had been a reason that the mastic work had not been carried out (20/02/2014). 27/02/2014 On-going works – checking during inspections and remove as necessary
- 27/02/2014 Dignified spaces – no removal of equipment from group 3 to 1 and will be resolved by PM

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 12/03/2014:


<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			<p>08/01/14</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>26/02/2014</p> <p>06/03/2014</p>	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p> <p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p> <p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p> <p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p> <p>It was noted that there was no drawings currently overdue</p> <p>It was noted that there was no drawings currently overdue</p> <p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p> <p>Timber cladding will be returned by Hugh McDerment at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3</p> <p>3.15 Node ICT server room cooling</p> <p>3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p>	

		31/10/2013	DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m <sup>2</sup> . BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.
		07/11/2013	DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.
		14/11/2013	DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.
		21/11/2013	DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.
		28/11/2013	DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.
		12/12/2013	DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2 <sup>nd</sup> PDU which would need to be supplied by Capita.
		19/12/2013	DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.
		09/01/2014	Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie
		16/01/2014	DP advised that the hub room cooling proposal would be provided to the DH & FC later that day.
		23/01/2014	DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.
		30/01/2014	DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.
		06/02/2014	DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014
		13/02/2014	DP noted that the heat loads had changed and BMCL & WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.
		20/02/2014	DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014
		06/03/2014	Information is now with Wallace Whittle for final review

20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL <b>DR now has costs from BMCL to review and will revert back to BMCL</b>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 12/03/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013  19/09/2013  26/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this. WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.	


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			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.	
			10/10/2013	WIP by BMCL	
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.	
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.	
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.	
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.	
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.	
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.	
			09/01/2014	Meeting to be scheduled to review some aspects of the work	
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.	
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.	
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting	
			06/03/2014	AK noted that programme review was nearing completion	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are	

			16/01/2014	indeed hollow pipes as described and therefore corrective action is required.	
			23/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			30/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			13/02/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
			27/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.	
			06/03/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days. Report anticipated shortly DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 12/03/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response	

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			<p>12/12/2013 requested asap.</p> <p>19/12/2013 DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>09/01/2014 DS confirmed that response still awaited from Building Control</p> <p>23/01/2014 DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p>30/01/2014 DS was scheduled to meet with Raymond Barlow.</p> <p>13/02/2014 DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</p> <p>20/02/2014 DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.</p> <p>27/02/2014 DS advised that he had written to RBarlow on the 13<sup>th</sup> and 20<sup>th</sup> Feb specifically on this item and was awaiting a response.</p> <p>06/03/2014 response is anticipated imminently.</p> <p>DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.</p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>11/10/2013 Confirmation of requirements for floor screeds to 3 rooms.</p> <p>17/10/2013 Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p> <p>24/10/2013 PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works.</p> <p>31/10/2013 Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>07/11/2013 DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill.</p> <p>23/01/2013 It was agreed this item was now closed.</p> <p>28/01/2013 DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and</p>	07/11/2013

			<p>30/01/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p>	<p>by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.</p> <p>Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.</p> <p>GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH.</p> <p>Instruction will be amended as requested by BMCL. GW to advise the cost.</p> <p>Costs awaited</p> <p>GW agreed to process today</p>	
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	<p>12/02/2014</p> <p>13/02/2014</p> <p>20/2/2014</p> <p>27/02/2014</p> <p>06/03/2014</p>	<p>Amendment to existing PMI raised 13/11/2013:</p> <p>The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE - 092</p> <p>GW advised that BMCL would review the implications of the amendment.</p> <p>BMCL are pulling together the cost. DH noted that the costs should reflect the saving process previously followed. GW noted that BMCL needed to understand what had been finished in the room.</p> <p>Costs awaited</p> <p>GW agreed to progress today</p>	
2317	PMI 254	Alterations to Arrival Square	<p>06/11/2013</p> <p>07/11/2013</p> <p>14/11/2013</p>	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <ul style="list-style-type: none"> <li>* omission of signals to prioritise Fastlink over other buses (6 columns)</li> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>Noted that BMCL will review the PMI and provide feedback.</p> <p>PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there</p>	

			<p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p>	<p>being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p> <p>DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p> <p>DH noted this is wip and there is a meeting with SPT on the 5<sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.</p> <p>PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.</p> <p>PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GGC and the road designers in order to get a consensus view. PM advised he would issue a PMI to confirm the way forward i.e. take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC</p> <p>PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus</p>	
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			<p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p>	<p>info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan.</p> <p>It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC had taken place regarding the 3 sets of traffic lights and feedback was awaited. GW and DR to agree costs.</p> <p>DH noted that a meeting had been scheduled with Alan Anderson at GCC. PM advised that the NHS Reps are meeting with the design reps from LES. DS noted that BMCL are in the process of finalising the order for the 3 sets of traffic lights and were not in a position to order lights for the full requirements. GW noted that he had received a quote from GCC but he was not sure this adequately covered the requirements. DH advised that BMCL should omit only those sets of traffic controls which segregated bus types and that those separating buses from general traffic should remain.. GW noted that GCC appeared to have obtained drawings and have priced for the lights as per the mark-up previously issued by DH. BMCL were scheduled to meet with GCC on 24/02/2014 and requested NHS attendance at this meeting. GW enquired who would contract with Scottish Power as he did not think it was for BMCL to contract with Scottish Power. DH suggested that GCC would liaise direct with Scottish Power for the lights outside the site however the internal lights will be part of the internal lights &amp; infrastructure contract. GW noted that he was trying to get GCC into a position where they confirm what needs to be done as he did not want any liability to be on BMCL for continued power. DS suggested that GCC would satisfy themselves as to where the power comes from and the lights being metered. DH advised that he would liaise with GThomson who has the most recent experience of dealing with traffic light matters at other projects.. DS enquired when the NHS would be meeting with LES and DH advised that the meeting was currently being scheduled for either 25/02, 4/03 or 05/03. DS enquired if BMCL should proceed as is. DH enquired if the information was required before the 6<sup>th</sup> March 2014 and DS advised that BMCL want to order up the lights asap. GW suggested that BMCL could deal with the 3 sets of lights in the first instance and then the transport hub separately. AK enquired about the lead time required and GW advised that Siemens had been instructed to get geared up for the Commonwealth Games work so they will have no-one available to do the lights works in the run-up to the games. DH and PM agreed to discuss and confirm if BMCL should proceed as is.</p> <p>Meetings, technical and operational, to discuss arrival square scheduled to take place on 4<sup>th</sup> and 6<sup>th</sup> March respectively with SPT and GCC. WSP drawings will be used to discuss the best way forward. Drawings are not yet in the system and DS agreed to progress this and forward a CAD copy of the drawing to DH</p> <p>Further drawings issued with final proposal in place. Turning circles etc to be checked and confirmed by WSP. DS confirmed that WSP now have the drawing but noted that a further safety audit will be required. DH asked that the works to be confirmed in principal to progress and conclude with GCC. DS agreed to speak to D Campbell and confirm details before the end of the week</p>	
2330	PMI 257	MTHW System – Site Ring	20/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the</p>	

			<p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>069/03/2014</p>	<p>current end point, at the site boundary adjacent to the neo-natal building, to a point further along the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p> <p>DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.</p> <p>DR advised that he had provided comment back to GW – DR and GW to discuss.</p> <p>PM advised that the Board did not wish the works to be taken forward at this time. DH noted that BMCL are to review the proposed route and associated costs. DH and GW will work on a simplified route to minimize costs. AK raised concern regarding the purchase of the pipes and PM advised that it was ok for BMCL to purchase the pipes as the works would need to be carried out at some point. AK and GW to discuss the works and programme.</p> <p>AK noted that there was difficulty in putting both the O<sub>2</sub> and the MTHW pipes in the same trench.</p> <p>GW provided a hard copy of the costs to DH for review by DR.</p> <p>Costs have been submitted and DR to conclude evaluation of costs. DH agreed to update later today</p> <p>DH reported that costs were now agreed. It was agreed that no further PMI will be required but an amendment to the current</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p>	

			20/02/2014  27/02/2014 06/03/2014	<p>NSGH Critical Care - 1 indicator panel. NCH Workshop - 2 mimic panels. NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011. NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms. DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels. DP agreed to pursue with Mercury</p> <p><b>No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</b></p>	
2427	PMI 268 -	Bus Timetable Information Screens	06/02/2014  13/02/2014 20/02/2014  27/02/2014 06/03/2014	<p>The Board request a cost for the provision of power and data to 3no. bus timetable information screens. one twin (OUT010) 13A socket and one twin data (OUT131) to be provided at each location as shown on the attached mark-ups. Allowance to be included, where necessary, for pattressing to support large 54"/70" monitors as noted.</p> <p>GW noted that BMCL had requested a cost for the works and there was concern re location for the adult screens (i.e. no wall) DH advised that it was the intention to fit the TVs to the edge of the slab with brackets and the fitting of the TVs was a Board issue. DP suggested that there had been concern that it is a plasterboard ceiling in that area which may already be up. DP noted that he was comfortable that the cables could be run to the point indicated on the drawings. The NHS will need to consider how they will fit the brackets to the face of the mezzanine level as there is no soffit. The screens and brackets will come under Group 3 – cost for data and power is awaited</p> <p><b>Cost have been received and now under review and discussion</b></p>	
2428	PMI 269	EMC-129 - Additional Power & Data	06/02/2014  13/02/2014 20/02/2014	<p>The Board request the provision of additional power &amp; data (DATA1000) to the second desk position in room EMC-129 (office) within Adult Emergency Dept. The provision will include an additional length of TRU1000 in order to provide the outlets at the correct location. Costs to be agreed in advance of the works and allocated to the Group 1 Equipment List. GW noted that BMCL had requested a cost for the works noting that this was a finished room. GW to provide cost</p>	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1	07/02/2014 13/02/2014	<p>Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for</p>	



		ADDITIONAL POWER & DATA	20/02/2014	the works PM advised that he would provide the CE once it had been through the ASSB approval process – circa 20/03/2014	
2432	PMI 271	ADULT HOSPITAL LEVEL 2 ENTRANCE DOOR TO THEATRE SUITE	07/02/2014  13/02/2014	At entrance door from atrium walkway to theatre suite (to corridor THE-005) reposition cable to existing OUT-131 outlet in Room THE-004 to adjacent to entrance door on atrium side, connect to OUT121 outlet plate. Refer attached sketch, outlet to be set at standard height for wall phone. Point to be picked up on Group 1 equipment list. GW noted that BMCL had requested a cost for the works	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014  13/02/2014 20/02/2014  27/02/2014 06/03/2014	Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap. DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info. Sketches with Board early next week and then costs will follow asap thereafter. <b>DS advised that the initial proposals sketched up by Nightingales did not fully address the brief and that further sketches had been requested – BMCL to chase up</b>	
2449	PMI 273	Neurosciences Building	21/02/2014	The Board have undertaken an initial feasibility study into a potential extension to the main entrance of the Neurosciences building. The initial scheme incorporates sections of the new link bridge constructed. A copy of the initial feasibility plans attached to this PMI.  BMCE are instructed to submit a price activity schedule to undertake the development of the Board requirements to RIBA Plan of Work 2013 Stage 2 – “Prepare <b>Concept Design</b> , including outline proposals for structural design, building services systems, outline specifications and preliminary <b>Cost Information</b> along with relevant <b>Project Strategies</b> in accordance with <b>Design Programme</b> . Agree alterations to brief and issue <b>Final Project Brief</b> .”  The key deliverables will be:- <ol style="list-style-type: none"> <li>1. Agreed client brief</li> <li>2. Floor plans drawings (1:200 scale)</li> <li>3. Elevation drawings (1:200 scale)</li> <li>4. 3D visuals of interior and exterior images</li> <li>5. Outline structural drawings (foundations / frame)</li> <li>6. Outline building services schematics</li> <li>7. Design &amp; construction programme</li> <li>8. Input to cost plan for proposed work (prepared by Currie &amp; Brown)</li> <li>9. Priced Activity Schedule to develop project to RIBA Plan of Work 2013 Stage 4 (agree Compensation Event target Price Adjustment).</li> </ol> The works to RIBA Plan of Work 2013 Stage 2 should be completed within one month of approval to proceed. The scheme has to be developed within a £2,000,000 excluding VAT design and construction budget. DS met with consultants to commence feasibility study and hopes to have costs at the end of the	



			27/02/2014	week. Nightingales producing drawings to show at meeting with users and then to present to CEO at the end of March. Agreed to use RDS for rooms, RFI to push process forward and inform users if an when access is required – via Graham Forsyth <b>Information being pulled together by BMCL and will be forwarded to the Board later today</b>	
			06/03/2014		
2462	PMI 274	ADULT & CHILDREN'S HOSPITALS PROVISION OF MGPS IN ADL KITCHENS	03/3/2014	Confirmation of removal of MGPS in ADL Kitchens. Confirmation of deletion of oxygen outlet (OUT470) from Acute Receiving department ADL kitchen (NSGH-00-AAW-043) in line with advice received from the Board's Fire Officer and MGPS Authorising Engineer.  1:50 layouts for the ADL Kitchens listed below have been reviewed (for both hospitals) and note that no installation has been briefed in these rooms and therefore no change in these rooms.  NCH-00-REH-053; NSGH-05-WS5-017; NSGH-08-WS8-033.	
2476	PMI 275	ADULT AND CHILDREN'S HOSPITALS - WIRELESS ACCESS POINTS		The Board propose to substitute approximately 550 @ 2600 WAP's (Contract purchase) with 4G WAP's (Board purchase) to be installed in locations where WAP's have still to be installed. Exact quantity and locations to be identified by Board.  The Board propose to issue 4G compatible WAP's (Model No. 3700) to be installed in circa 1 in 5 locations where WAP's have not yet been installed. BMCE to provide an equivalent number of 2600 WAP's contract purchase) to the Board for use elsewhere.  Warranty implications for the 4G 3700 WAP's will remain with NHS GG&C and similarly warranties for the 2600 WAP's will remain with BMCE.  A meeting is to be convened as soon as possible to agree the basis for selecting locations for the 4G 3700 WAP's and also confirm final quantities.	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	07/03/2014	The Board request costs for the proposed enhancements noted below. The Board request costs for the additional resilience of MGPS systems as follows;  1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar. 2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar. 3) Oxygen loop within Adult Hospital tower. 4) Oxygen loop within Children's Hospital (M32 - M38). 5) Vacuum loop within Adult Hospital tower. 6) Vacuum loop within Children's Hospital (M32 - M38).  The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits.	
2479	PMI 277	NEUROSCIENCES BUILDING - MAIN ENTRANCE FEASIBILITY STUDY RIBA STAGE 2 (PMI 273)	11/03/2014	Please proceed with feasibility study as set out in PMI 273 based on fees provided by Brookfield Multiplex and summarised below.  Please proceed with feasibility study based on fees provided by Brookfield Multiplex and summarised below.	

				PMI 273 Neurosciences Building-Feasibility Study Entrance Area Fees for Design Services RIBA 2013 Stage 2	
				Discipline                      Amount	
				Architect-Nightingale	16,400.00
				Building Services-Wallace Whittle	4,200.00
				Structural Engineer-WSP	6,000.00
				Planning Adviser-Ironside Farrar	1,500.00
					28,100.00
				OHP @ 6.32%	1,775.92
				Total	29,875.92
					Allowance

CE for Ground Water monitoring to be concluded

**Other items that require discussion:**

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. **Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014)**
- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the

additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may be an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. **Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014)**

- Specialist Fit out areas – item to remain on tracker until equipment delivered (31<sup>st</sup> March 2014). Discussions ongoing with BMCL re storage of equipment. (20/02/2014). 27/02/2014 – additional meeting now required with clinicians and this will take time to organize and therefore delay information return to BMCL. It was hoped for a meeting next week but not confirmed. **First deliveries are scheduled for 17<sup>th</sup> March – BMCL are prepared for these – details have been discussed with AF and FWraith. General xray rooms desks and screens require to be fitted and tested but not installed – DH will review details with DP and will revert back (06/03/2014)**
- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. **IPowrie is in discussion with HFS on the way forward (06/03/2014)**
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that

the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014) It was noted that there was a meeting scheduled to take place on the 20th Feb to discuss and sign-off the size of the tanks and that BMCL wanted to progress the shed and cladding works and get the pipes across the road. PM advised that there was concern that there is no drain point(s) and water inevitably gets into ducts. AK advised that he would review this. AK noted that where the duct comes across the ambulance bay the duct covers will be concrete. PM noted that he was comfortable with the principles being adopted. (13/02/2014) DH noted that the duct matter had been sorted and the tank sizing meeting in order to place the order was later that day. AK advised in relation to water getting into the duct that he was considering running any water to the SUDS. (20/2/14). 27/02/2014 – DH confirmed that Air Products have appropriate tanks readily available. A query was raised regarding certification for lifting and DP confirmed that standard certification is sufficient. DH to advise Ian Powrie in order that quote can be obtained from Air Products and order placed asap. Duct drawing has been reviewed and all are satisfied. Programme in preparation for road crossing works. **Air Products quote is awaited for vessels – a method statement is required and BMCL/Land Engineering to prepare for delivery. Ducting work to commence in around 2 weeks but the tie in will be held off until works completed on Langlands Drive (06/03/2014)**



- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014) GW noted that GW and DH had jointly discussed the equipment list and agreed the list and cost. DH and FW to confirm that they have nothing else to be included. (13/02/2014) GW advised that a further review had been undertaken by BMCL and the equipment list should be issued to the NHS by cop 21/02/2014. (20/02/2014). GW to finalise list and forward asap. **GW agreed to conclude this today and forward to the Board (06/03/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. **Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS noted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014)**
- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn’t been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMCL and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. **DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014)**

- Finishes – PM noted that in the offices the trunking is nicely sealed to the wall however in the theatres there is gaps between the grilles and wall and ducting not sealed. DP noted that the light fittings and grilles had not been sealed as yet but would be sealed in due course. PM acknowledged that he hadn't seen the schedule of exceptions (13/02/2014) AK advised that he would check if there had been a reason that the mastic work had not been carried out (20/02/2014). 27/02/2014 On-going works – checking during inspections and remove as necessary. **This item can now be removed from action points (06/03/2014)**
- 27/02/2014 Dignified spaces – no removal of equipment from group 3 to 1 and will be resolved by PM. **This item requires further discussion. Design company require colour matches. PM asked for further details in order to progress this to conclusion. GW noted that if this moves to Group1 from 3 then this would incur a contractual change and therefore needs to be further discussed before decision taken (06/03/2014)**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014)
- Car Park 1 – revised programme indicates completion now on 20<sup>th</sup> July. AK noted that he hopes to better this by bringing in a 2<sup>nd</sup> team of painters for the deck works. The Board are asked for their opinion on acceptance with phased completion. Several suggestions of use – use as a contractors only car park thereby negating the need for a segregated escape route as contractors will be site inducted and can leave site safely, use as a temporary car park for staff being brought on to install, deliver or be inducted for the building – this will require an escape/holding area to be introduced. DS asked for an update from GCC Planning Department. PM noted that no decision on the possible early use of the car park and therefore not contacted the Council until decision was clear. PM agreed to respond to RFI and DL agreed to review options and revert back (06/03/2014)
- DH noted that on review of 2 theatres it was identified that the UCV canopy was out of alignment with the floor markings. It will now be necessary to check all UCV theatres to ensure they are correct with design and reflect the agreed drawings (06/03/2014)
- AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and DS will further review (06/03/2014)
- Clarity on the neuro link is required in order that works can be programmed to allow the break through into adults hospital. It was noted that the first section, from neuro, up to and including the corner may alter but remainder of the link will remain the same – further discussion will be undertaken before any works commence (06/03/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 26/03/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	



			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDermont at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	


20082	BMCL-EWN-139	IT Hub Room Cooling	30/10/2013	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3  3.15 Node ICT server room cooling  3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p>	
			31/10/2013	<p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m<sup>2</sup>. BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p>	
			07/11/2013	<p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p>	
			14/11/2013	<p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p>	
			21/11/2013	<p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p>	
			28/11/2013	<p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p>	
			12/12/2013	<p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p>	
			19/12/2013	<p>DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p>	
			09/01/2014	<p>Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p>	
			16/01/2014	<p>DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p>	
			23/01/2014	<p>DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p>	
			30/01/2014	<p>DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the</p>	

			<p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>proposals asap.</p> <p>DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p> <p>Information is now with Wallace Whittle for final review</p> <p>DP reported that Wallace Whittle had information and also with FC for final check. This is anticipated to be returned next week and then this item can be closed</p> <p>DH advised that there had been a recount of the points and there is an increase in the number of points therefore potential impact on switches (circa 400 extra). DP noted that Schneider had initially provided an inaccurate point count and the recheck identified additional requirements. It had been expected that the initial point count would have included an allowance and that the overall number predicted a while ago was reasonably accurate however it is the locations which have caused the issue. DH suggested that there may be a requirement for additional stackable switches/additional modules. DP reported that the NHS order to Capita is very specific. DH noted that a further check re cooling would need to be undertaken once the work done to confirm the point count had been concluded.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	<p>10/03/2014</p>	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p>	

			13/03/2014	Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.	
			20/03/2014	GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.	
20982	BMCL-EWN-000144	Increased Height of NDC Cart	19/03/2014	Information recently received by BM indicates an overall height increase in the size of the NDC cart from that previously advised. BM have based our minimum door clearance height on a worst case cart height of 1690mm, as advised by K Connelly to BM in her email dated 22nd March 2010, attached and as per the original cart supplied by the Board. There was no information contained in the AGV / Cart compatibility schedule for the NDC cart contained in the FBC Appendix K document, also attached. BM understand that the cart now proposed by the Board for use by NDC is 1725mm which will prove unworkable in all AGV routes as it would give an out-turn height of 2140mm not 2105mm within a designed signed off door strategy opening of 2150mm, therefore not allowing adequate clearance, as per attached door clearance document.  <i>Text lifted from Notes Section:</i> <i>AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and DS will further review (06/03/2014). There appears to be some confusion on the carts that could possibly be affected by the door clearance issues. And that these lower tolerances would only be on the NDC carts (1725). DP has asked Swisslog for information on reducing heights and a clear understanding of the areas affected (13/04/2014) Cross reference with EW</i>	
			20/03/2014	GW advised that there was concern that the NDC cart did not work with the BMCL design – doesn't work with the sub-base solution. DP advised that the sub-base had been redesigned and will not be greater than 390mm. DH enquired if there was any option to modify the AGV lift and DP confirmed this was not an	

option. DH suggested that there were circa 24 doors which were impacted on (AGV needs to pass through). GW advised that NHollowell had been requested to confirm the impact to other doors which the NDC cart needs to be manually put through. It was noted that it was not proposed that circa 700 doors would be changed. It was proposed to discuss with KC and identify potential to make the NDC cart deliveries work at the drop of points. It would be beneficial to get an actual measure of the height of the circa 24 doors. GW advised that he had asked NHollowell to mark-up a drawing and would get the floor plans marked up indicating the heights of the doors so can establish the issue.

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 26/03/2014

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable</p>	

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			<p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 <b>AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</b></p>	<p>and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014 An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>16/01/2014 An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>23/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>30/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>13/02/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>27/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>06/03/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p>		



			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 26/03/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.	
			12/12/2013	DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.	
			19/12/2013	DS confirmed that response still awaited from Building Control	
			09/01/2014	DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.	
			23/01/2014	DS was scheduled to meet with Raymond Barlow.	
			30/01/2014	DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
			13/02/2014	DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.	
			20/02/2014	DS advised that he had written to RBarlow on the 13 <sup>th</sup> and 20 <sup>th</sup> Feb specifically on this item and	

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			27/02/2014 06/03/2014	was awaiting a response. response is anticipated imminently. DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.	
			13/03/2014 20/03/2014	Confirmation required when "view" application will be submitted – DP agreed to progress <b>DP advised that he would liaise with JMurray re date for submission of the 'view'.</b>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013     17/10/2013  24/10/2013  31/10/2013 07/11/2013 23/01/2013  28/01/2013   30/01/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/04/2014	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed. DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top. Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish. Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss. GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH. Instruction will be amended as requested by BMCL. GW to advise the cost. Costs awaited GW agreed to process today GW agreed to progress – PMI has been amended to correct product and removed "concrete" – GW to provide costs	07/11/2013

			20/03/2014	GW advised that he had reviewed and would discuss with DH.	
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	12/02/2014  13/02/2014 20/2/2014  27/02/2014 06/03/2014 13/04/2014	Amendment to existing PMI raised 13/11/2013: The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE - 092 GW advised that BMCL would review the implications of the amendment. BMCL are pulling together the cost. DH noted that the costs should reflect the saving process previously followed. GW noted that BMCL needed to understand what had been finished in the room. Costs awaited GW agreed to progress today GW reported that costs have been chased and awaiting response. DH requested to have these by Friday (tomorrow) or he will progress using previous costs	
2317	PMI 254	Alterations to Arrival Square	06/11/2013          07/11/2013 14/11/2013   21/11/2013	Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.  The key features are now: * omission of signals to prioritise Fastlink over other buses (6 columns) * omission of raised pedestrian crossing and replacement with drop-kerbs and road markings * Omission of lay-by immediately outside Adult entrance and infill with granite to match * Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT * Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs * Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping * Altered road markings  GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.  Please provide comments on the revised proposals and updated costs to amend the external works as shown. Noted that BMCL will review the PMI and provide feedback. PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit. WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-	

			28/11/2013	up drawing. DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.	
			12/12/2013	DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.	
			19/12/2013	DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.	
			09/01/2014	Meeting arranged for 27 <sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held	
			16/01/2014	DH noted that an earlier meeting was not possible therefore the 27 <sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.	
			23/01/2014	DH noted that there were meetings scheduled for 27 <sup>th</sup> Jan and 5 <sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.	
			30/01/2014	DH noted this is wip and there is a meeting with SPT on the 5 <sup>th</sup> Feb 2014. GW sought confirmation that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.	
			06/02/2014	PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.	
			13/02/2014	PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GGC and the road designers in order to get a consensus view. PM advised he would issue a PMI to confirm the way forward i.e. take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that	

			<p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>20/03/2014</p>	<p>GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan.</p> <p>It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC had taken place regarding the 3 sets of traffic lights and feedback was awaited. GW and DR to agree costs.</p> <p>DH noted that a meeting had been scheduled with Alan Anderson at GCC. PM advised that the NHS Reps are meeting with the design reps from LES. DS noted that BMCL are in the process of finalising the order for the 3 sets of traffic lights and were not in a position to order lights for the full requirements. GW noted that he had received a quote from GCC but he was not sure this adequately covered the requirements. DH advised that BMCL should omit only those sets of traffic controls which segregated bus types and that those separating buses from general traffic should remain.. GW noted that GCC appeared to have obtained drawings and have priced for the lights as per the mark-up previously issued by DH. BMCL were scheduled to meet with GCC on 24/02/2014 and requested NHS attendance at this meeting. GW enquired who would contract with Scottish Power as he did not think it was for BMCL to contract with Scottish Power. DH suggested that GCC would liaise direct with Scottish Power for the lights outside the site however the internal lights will be part of the internal lights &amp; infrastructure contract. GW noted that he was trying to get GCC into a position where they confirm what needs to be done as he did not want any liability to be on BMCL for continued power. DS suggested that GCC would satisfy themselves as to where the power comes from and the lights being metered. DH advised that he would liaise with GThomson who has the most recent experience of dealing with traffic light matters at other projects.. DS enquired when the NHS would be meeting with LES and DH advised that the meeting was currently being scheduled for either 25/02, 4/03 or 05/03. DS enquired if BMCL should proceed as is. DH enquired if the information was required before the 6<sup>th</sup> March 2014 and DS advised that BMCL want to order up the lights asap. GW suggested that BMCL could deal with the 3 sets of lights in the first instance and then the transport hub separately. AK enquired about the lead time required and GW advised that Siemens had been instructed to get geared up for the Commonwealth Games work so they will have no-one available to do the lights works in the run-up to the games. DH and PM agreed to discuss and confirm if BMCL should proceed as is.</p> <p>Meetings, technical and operational, to discuss arrival square scheduled to take place on 4<sup>th</sup> and 6<sup>th</sup> March respectively with SPT and GCC. WSP drawings will be used to discuss the best way forward. Drawings are not yet in the system and DS agreed to progress this and forward a CAD copy of the drawing to DH</p> <p>Further drawings issued with final proposal in place. Turning circles etc to be checked and confirmed by WSP. DS confirmed that WSP now have the drawing but noted that a further safety audit will be required. DH asked that the works to be confirmed in principal to progress and conclude with GCC. DS agreed to speak to D Campbell and confirm details before the end of the week</p> <p>Cross ref with discussion noted against BMCL EW 143</p>	
2330	PMI 257	MTHW System – Site Ring	20/11/2013	<p>This PMI replaces PMI-217 which should be cancelled.</p> <p>The Board requests a quotation for the extension of the 'site ring' star pipe MTHW system from the current end point, at the site boundary adjacent to the neo-natal building, to a point further along</p>	

			<p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/04/2014</p> <p>20/04/2013</p>	<p>the east elevation of the neo-natal building beneath the proposed first floor link bridge.</p> <p>The new end point should terminate in an access chamber located, as per the attached mark-up, close to the existing dry-riser terminal. At a future time, the Board intend to connect the maternity and neo-natal buildings to the ring main and will install pipe-work from the new chamber which will follow the dry-riser pipe-work into the building below the ground floor and will rise to the third floor plant room in the escape stair lobbies alongside the dry riser.</p> <p>It was noted that DH and DP were going to review and agree the way forward. DH will update the PMI to formalize the way forward (inc updating the drawing).</p> <p>DH advised that a PMI would be provided to confirm the way forward.</p> <p>AK advised that BMCL need a PMI to confirm the BMCL works. Early December was the date by which the confirmation was needed by AK – confirmation needed asap as may start to impact on the BMCL external works package – the pipes would need to be ordered asap. GW advised that the cost info from Mercury had been received and suggested that GW, DR and AMoore meet to go through the costs and in the meantime BMCL undertakes the work. DH noted that the housing and route were approximate positions. The start point was known and the end point had been indicated and BMCL could route to this end point however they desire.</p> <p>It was noted that costs were required. GW has requested costs from MEL and these will be forwarded to NHS by next Wednesday. Pipes are on 8 weeks delivery and it was thought not possible to programme in before the end of March. Price is key to progressing this from the NHS point of view but BMCL need to ensure that no impact to other programmed works in the surrounding area</p> <p>AK advised that he needed to know the NHS info soon so he could ensure no impact to other programmed work in the surrounding area. GW noted that he had part costs and will chase Dunne for their costs.</p> <p>DH noted that the costs had been received and DR would discuss with BMCL on 24/12/2014.</p> <p>DR advised that he had provided comment back to GW – DR and GW to discuss.</p> <p>PM advised that the Board did not wish the works to be taken forward at this time. DH noted that BMCL are to review the proposed route and associated costs. DH and GW will work on a simplified route to minimize costs. AK raised concern regarding the purchase of the pipes and PM advised that it was ok for BMCL to purchase the pipes as the works would need to be carried out at some point. AK and GW to discuss the works and programme.</p> <p>AK noted that there was difficulty in putting both the O<sub>2</sub> and the MTHW pipes in the same trench.</p> <p>GW provided a hard copy of the costs to DH for review by DR.</p> <p>Costs have been submitted and DR to conclude evaluation of costs. DH agreed to update later today</p> <p>DH reported that costs were now agreed. It was agreed that no further PMI will be required but an amendment to the current</p> <p>PM agreed to write up CE</p> <p><b>PM to provide CE. PM to provide PMI to confirm that BMCL should carry out the works.</b></p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	<p>29/01/2014</p>	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p>	

			20/02/2014          27/02/2014 06/03/2014  26/03/2014	<p>NSGH OPD Nurses Base - 2 mimic panels. NSGH Critical Care - 1 indicator panel. NCH Workshop - 2 mimic panels. NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011. NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms. DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels. DP agreed to pursue with Mercury No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting. <b>GW proposed that GW and DP and DH have a discussion re costs</b></p>	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER & DATA	07/02/2014  13/02/2014  20/02/2014  13/04/2014 20/04/2014	<p>Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for the works PM advised that he would provide the CE once it had been through the ASSB approval process – circa 20/03/2014 Approved at ASSB on 10<sup>th</sup> March – PM to write up CE <b>GW to progress. Cross ref CE 052 CHILDREN'S HOSPITAL-SCIENCE CENTRE INSTALLATION YCF1 - ADDITIONAL POWER/DATA</b></p>	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014  13/02/2014 20/02/2014   27/02/2014 06/03/2014  13/04/2014  20/04/2014	<p>Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap. DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info. Sketches with Board early next week and then costs will follow asap thereafter. DS advised that the initial proposals sketched up by Nightingales did not fully address the brief and that further sketches had been requested – BMCL to chase up Drawing received and returned with comments relating to the trolley size. Revised drawing awaited in order that this can be progressed, <b>DH suggested that the drawing had been issued the previous day and would progress asap.</b></p>	
2462	PMI 274	ADULT & CHILDREN'S	03/3/2014	Confirmation of removal of MGPS in ADL Kitchens.	



		HOSPITALS PROVISION OF MGPS IN ADL KITCHENS		<p>Confirmation of deletion of oxygen outlet (OUT470) from Acute Receiving department ADL kitchen (NSGH-00-AAW-043) in line with advice received from the Board's Fire Officer and MGPS Authorising Engineer.</p> <p>1:50 layouts for the ADL Kitchens listed below have been reviewed (for both hospitals) and note that no installation has been briefed in these rooms and therefore no change in these rooms.</p> <p>NCH-00-REH-053; NSGH-05-WS5-017; NSGH-08-WS8-033.</p> <p><b>Costs are minimal and work to be carried out</b></p>	
2476	PMI 275	ADULT AND CHILDREN'S HOSPITALS - WIRELESS ACCESS POINTS	<p>13/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>The Board propose to substitute approximately 550 @ 2600 WAP's (Contract purchase) with 4G WAP's (Board purchase) to be installed in locations where WAP's have still to be installed. Exact quantity and locations to be identified by Board.</p> <p>The Board propose to issue 4G compatible WAP's (Model No. 3700) to be installed in circa 1 in 5 locations where WAP's have not yet been installed. BMCE to provide an equivalent number of 2600 WAP's contract purchase) to the Board for use elsewhere.</p> <p>Warranty implications for the 4G 3700 WAP's will remain with NHS GG&amp;C and similarly warranties for the 2600 WAP's will remain with BMCE.</p> <p>A meeting is to be convened as soon as possible to agree the basis for selecting locations for the 4G 3700 WAP's and also confirm final quantities.</p> <p>NHS to provide 550 and BMCE to provide 550 back. A meeting is arranged for Friday to clarify positions and numbers</p> <p><b>DH noted that a swap arrangement was not as simple as first thought. Boston will be required to provide a high level cost. The positions for the 4G WAP need to be identified.</b></p>	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	<p>07/03/2014</p> <p>20/03/2014</p>	<p>The Board request costs for the proposed enhancements noted below.</p> <p>The Board request costs for the additional resilience of MGPS systems as follows;</p> <ol style="list-style-type: none"> <li>1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>3) Oxygen loop within Adult Hospital tower.</li> <li>4) Oxygen loop within Children's Hospital (M32 - M38).</li> <li>5) Vacuum loop within Adult Hospital tower.</li> <li>6) Vacuum loop within Children's Hospital (M32 - M38).</li> </ol> <p>The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits.</p> <p><b>DH advised this was WIP</b></p>	
2479	PMI 277	NEUROSCIENCES BUILDING - MAIN ENTRANCE FEASIBILITY STUDY RIBA STAGE 2 (PMI 273)	11/03/2014	<p>Please proceed with feasibility study as set out in PMI 273 based on fees provided by Brookfield Multiplex and summarised below.</p> <p>Please proceed with feasibility study based on fees provided by Brookfield Multiplex and summarized below.</p> <p>PMI 273 Neurosciences Building-Feasibility Study Entrance Area</p>	



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				Fees for Design Services RIBA 2013 Stage 2				
				Discipline	Amount			
				Architect-Nightingale	16,400.00			
				Building Services-Wallace Whittle	4,200.00			
				Structural Engineer-WSP	6,000.00			
				Planning Adviser-Ironside Farrar	1,500.00	Allowance		
					28,100.00			
				OHP @ 6.32%	1,775.92			
				Total	29,875.92			
			13/03/2014	Feasibility study carried out				
			20/03/2014	DH noted that the drawing for initial review had been received and would be progressed asap.				

## COMPENSATION EVENTS

CE for Ground Water monitoring to be concluded

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
11765	CE 052	CHILDREN'S HOSPITAL- SCIENCE CENTRE INSTALLATION YCF1 - ADDITIONAL POWER/DATA	13/03/2014	Proceed and install additional power and data points as set out in PMI 270, all as requested by Science Centre, Glasgow (designers for YCF). Board to cross charge YCF same amount. Agreed cost of £12,333.12 inclusive of overhead and profit, but excludes VAT.  GW to input cost to Sypro	
11880	CE 053	NEUROSURGICAL BUILDING ENTRANCE FEASIBILITY (WITH LINK BRIDGE)	26/03/2014	The Board confirm acceptance of PMI 273 and 277 to proceed and undertake a design and cost study to extend the entrance to neurosurgery and incorporate the new link bridge from the main build site. Study to be complete by 1st week April 2014, and is to include costs for the works.	

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) **DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014)**
- Specialist Fit out areas – item to remain on tracker until equipment delivered (31<sup>st</sup> March 2014). Discussions ongoing with BMCL re storage of equipment. (20/02/2014). 27/02/2014 – additional meeting now required with clinicians and this will take time to organize and therefore delay information return to BMCL. It was hoped for a meeting next week but not confirmed. First deliveries are scheduled for 17<sup>th</sup> March – BMCL are prepared for these – details have been discussed with AF and FWraith. General xray rooms desks and screens require to be fitted and tested but not installed – DH will review details with DP and will revert back (06/03/2014). **It was agreed that Mercury will complete the electrical connection to desk in the most cost effective manner. DH asked for details of the work proposed (13/03/2014)**

- Pseudomonas in taps. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) **DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014)**
- Medigas – design has been completely signed off. DH had received a request for the oxygen flow rate information relative to the retained estate. DP noted that need to make sure that the services no longer to be used i.e. demolitions/decants are not included in the figure. (16/01/2014) DH noted this was work in progress and there had been a meeting earlier in the week and a subsequent walk-round with ISandford and BMcCormack re retained estate so that the tanks can be ordered. (23/01/2014) DH noted that the litre/min had been agreed and IP was to confirm the order with Air Products (06/02/2014) It was noted that there was a meeting scheduled to take place on the 20<sup>th</sup> Feb to discuss and sign-off the size of the tanks and that BMCL wanted to progress the shed and cladding works and get the pipes across the road. PM advised that there was concern that there is no drain point(s) and water inevitably gets into ducts. AK advised that he would review this. AK noted that where the duct comes across the ambulance bay the duct covers will be concrete. PM noted that he was comfortable with the principles being adopted. (13/02/2014) DH noted that the duct matter had been sorted and the tank sizing meeting in order to place the order was later that day. AK advised in relation to water getting into the duct that he was considering running any water to the SUDS. (20/2/14). 27/02/2014 – DH confirmed that Air Products have appropriate tanks readily available. A query was raised regarding certification for lifting and DP confirmed that standard certification is sufficient. DH to advise Ian Powrie in order that quote can be obtained from Air Products and order placed asap. Duct drawing has been reviewed and all are satisfied. Programme in preparation for road crossing works. Air Products quote is awaited for vessels – a method statement is required and BMCL/Land Engineering to prepare for delivery. Ducting work to commence in around 2 weeks but the tie in will be held off until works completed on Langlands Drive (06/03/2014). **DH chasing up Air Products quote to ensure delivery. DP asked for plans of the ground floor and first floor of INS – PM to provide (13/03/2014) AK noted that consideration was being given to the Luddon work and road crossing, etc. The traffic management has been shifted to the 31<sup>st</sup> March start date. BMCL need to understand the tank delivery date. DP noted that he had been advised that the tank delivery is end March however BMCL will require risk assessments and method statements. It was noted that Air Products in to meet with BMCL w/c 24/03/2014 (20/03/2014)**
- Equipment List – GW advised that he would provide the equipment list to the NHS for review/agreement of current status. If agreeable then the NHS should formally provide the equipment list to BMCL via Sypro. GW noted that there was only 1 equipment list to be run by Nightingales which would be the as-built list. (30/01/2014) GW and DH to discuss (06/02/2014) GW noted that GW and DH had jointly discussed the equipment list and agreed the list and cost. DH and FW to confirm that they have nothing else to be included. (13/02/2014) GW advised that a further review had been undertaken by BMCL and the equipment list should be issued to the NHS by cop 21/02/2014. (20/02/2014). GW to finalise list and forward asap. GW agreed to conclude this today and forward to the Board (06/03/2014). **Equipment list now received. Pivot table has been requested but due to the level of work involved it will take approximately 1 week to produce. In order to incorporate the manual adjustments to lines. It was noted that this was particularly useful for procurement. It was agreed that FW/AK will discuss options (13/03/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS

acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start reducing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS noted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) **AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing.(20/03/2014)**


- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMLC and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). **DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014).**
- 27/02/2014 Dignified spaces – no removal of equipment from group 3 to 1 and will be resolved by PM. This item requires further discussion. Design company require colour matches. PM asked for further details in order to progress this to conclusion. GW noted that if this moves to Group1 from 3 then this would incur a contractual change and therefore needs to be further discussed before decision taken (06/03/2014). PM agreed to discuss with RStewart on how best to progress. A process is required to ensure payment can be progressed possibly by moving funding within the equipment list (13/03/2014) **GW noted that feedback from PM was awaited (20/03/2014)**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) **It was noted that the costs were awaited (20/03/2014)**
- Car Park 1 – revised programme indicates completion now on 20<sup>th</sup> July. AK noted that he hopes to better this by bringing in a 2<sup>nd</sup> team of painters for the deck works. The Board are asked for their opinion on acceptance with phased completion. Several suggestions of use – use as a contractors only car park thereby negating the need for a segregated escape route as contractors will be site inducted and can leave site safely, use as a temporary car park for staff being brought on to install, deliver or be inducted for the building – this will require an escape/holding area to be introduced. DS asked for an update from GCC Planning Department. PM noted that no decision on the possible early use of the car park and therefore not contacted the Council until decision was clear. PM agreed to respond to RFI and DL agreed to review options and revert back (06/03/2014). It was agreed that no conversation with the Council required as it is unlikely that the Board will take the CP early. PM to check that IFT have commenced work (13/03/2014) **It was noted that the Car Park handover had been confirmed as 26<sup>th</sup> January 2015. (20/03/2014)**



- DH noted that on review of 2 theatres it was identified that the UCV canopy was out of alignment with the floor markings. It will now be necessary to check all UCV theatres to ensure they are correct with design and reflect the agreed drawings (06/03/2014). DH has reviewed and no others noted (13/04/2014) It was agreed this item could be closed (20/03/2014)
- Other works outwith the redline – GW asked for clarity on the works that are outwith discussions with GCC. DH noted that a clear drawing from WSP required to show work to be carried out by BMCE as part of their works. Concern that BMCE will be asked to carry out works on the opposite side of Hardgate Road and therefore clarity required. PM asked for the drawings so that a review of these by project team can be carried out – GW will progress (13/03/2014)
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014)
- Operational signage – this matter needs to be discussed with DH. BMCL do not consider that 'Please wash your hands' signage is a BMCL item as has never been a part of wayfinding before. DH noted that the operational signage is advised in the NHS Guidance document. GW acknowledged that the signage was included in the NHS document however this was a guidance doc only (20/03/2014)
- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for SPT to supply and fit the TVs.

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 09/04/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	



			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDerment at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	

				<p>holiday but that she would chase this up.</p> <ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul> <p>DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>03/04/2014</p> <p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p>	


			<p>19/12/2013 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>09/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>16/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>23/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>30/01/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>06/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>13/02/2014 DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>20/02/2014 DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p> <p>06/03/2014 Information is now with Wallace Whittle for final review</p> <p>13/03/2014 DP reported that Wallace Whittle had information and also with FC for final check. This is anticipated to be returned next week and then this item can be closed</p> <p>20/03/2014 DH advised that there had been a recount of the points and there is an increase in the number of points therefore potential impact on switches (circa 400 extra). DP noted that Schneider had initially provided an inaccurate point count and the recheck identified additional requirements. It had been expected that the initial point count would have included an allowance and that the overall number predicted a while ago was reasonably accurate however it is the locations which have caused the issue. DH suggested that there may be a requirement for additional stackable switches/additional modules. DP reported that the NHS order to Capita is very specific. DH noted that a further check re cooling would need to be undertaken once the work done to confirm the point count had been concluded.</p> <p>27/03/2014 DP noted that the design had been provided by WW. A proper point count was under review to check for any impact – information to be provided to DH later that day.</p> <p>02/04/2014 GW advised that DP had suggested that this is in an ok position.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>20/03/2014 GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>27/03/2014 DR advised that he would conclude the information for provision to DL.</p> <p>03/04/2014 DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p>	

20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS	

			03/04/2014	<p>enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then they are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p>	
20982	BMCL-EWN-000144	Increased Height of NDC Cart	<p>19/03/2014</p> <p>20/03/2014</p>	<p>Information recently received by BM indicates an overall height increase in the size of the NDC cart from that previously advised. BM have based our minimum door clearance height on a worst case cart height of 1690mm, as advised by K Connelly to BM in her email dated 22nd March 2010, attached and as per the original cart supplied by the Board. There was no information contained in the AGV / Cart compatibility schedule for the NDC cart contained in the FBC Appendix K document, also attached. BM understand that the cart now proposed by the Board for use by NDC is 1725mm which will prove unworkable in all AGV routes as it would give an out-turn height of 2140mm not 2105mm within a designed signed off door strategy opening of 2150mm, therefore not allowing adequate clearance, as per attached door clearance document.</p> <p><i>Text lifted from Notes Section:</i>  AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and DS will further review (06/03/2014). There appears to be some confusion on the carts that could possibly be affected by the door clearance issues. And that these lower tolerances would only be on the NDC carts (1725). DP has asked Swisslog for information on reducing heights and a clear understanding of the areas affected (13/04/2014) Cross reference with EW</p> <p>GW advised that there was concern that the NDC cart did not work with the BMCL design – doesn't work with the sub-base solution. DP advised that the sub-base had been redesigned and will not be greater than 390mm. DH enquired if there was any option to modify the AGV lift and DP confirmed this was not an option. DH suggested that there were circa 24 doors which were impacted on (AGV needs to pass through). GW advised that NHollowell had been requested to confirm the impact to other doors which the</p>	

			27/03/2014	NDC cart needs to be manually put through. It was noted that it was not proposed that circa 700 doors would be changed. It was proposed to discuss with KC and identify potential to make the NDC cart deliveries work at the drop of points. It would be beneficial to get an actual measure of the height of the circa 24 doors. GW advised that he had asked NHollowell to mark-up a drawing and would get the floor plans marked up indicating the heights of the doors so can establish the issue.	
			03/04/2014	DH advised that RS had confirmed that the cart height is 1725 and this is a special NHS cart. RS is organizing a meeting with NDC & KC.to discuss the potential of only using the 1680 carts for the new south hospitals. DS suggested that it would be beneficial to get the cart which is actually to be used so it can be trialed. DS advised that he understood that RS was meeting with NDC w/c 07/04/2014. DR enquired about the 13 basement doors which may need to be changed if the height of the cart goes to 1725mm. GW advised that there were 3 doors in the Labs which may need to be changed however NHollowell had carried out a lot of work reviewing the door impacts and a marked up drawing had been prepared of the impacted doors.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 09/04/2014

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.</p> <p>AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs</p>	

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			<p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p>	<p>under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014 An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>16/01/2014 An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required. DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>23/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided</p>	



			30/01/2014	as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			13/02/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
			27/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.	
			06/03/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days. Report anticipated shortly	
			20/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			27/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
				DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 09/04/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	

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			<p>21/11/2013 28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>23/01/2014 30/01/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014 06/03/2014</p> <p>13/03/2014 20/03/2014 27/03/2014</p>	<p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p>DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p>DS was scheduled to meet with Raymond Barlow.</p> <p>DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</p> <p>DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.</p> <p>DS advised that he had written to RBarlow on the 13<sup>th</sup> and 20<sup>th</sup> Feb specifically on this item and was awaiting a response.</p> <p>response is anticipated imminently.</p> <p>DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.</p> <p>Confirmation required when "view" application will be submitted – DP agreed to progress</p> <p>DP advised that he would liaise with JMurray re date for submission of the 'view'.</p> <p>DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues.</p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>11/10/2013</p> <p>17/10/2013</p> <p>24/10/2013</p> <p>31/10/2013</p>	<p>Confirmation of requirements for floor screeds to 3 rooms.</p> <p>Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p> <p>PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works.</p> <p>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill.</p>	07/11/2013

			07/11/2013 23/01/2013  28/01/2013  30/01/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/04/2014  20/03/2014 27/03/2014	<p>It was agreed this item was now closed.</p> <p>DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows:</p> <p>The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.</p> <p>Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.</p> <p>GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH.</p> <p>Instruction will be amended as requested by BMCL. GW to advise the cost.</p> <p>Costs awaited</p> <p>GW agreed to process today</p> <p>GW agreed to progress – PMI has been amended to correct product and removed “concrete” – GW to provide costs</p> <p>GW advised that he had reviewed and would discuss with DH.</p> <p><b>GW and DH to meet to conclude</b></p>	
2307	PMI 252	Group 1 Equipment Surgical Image Viewing	12/02/2014  13/02/2014 20/2/2014  27/02/2014 06/03/2014 13/03/2014  27/03/2014  04/04/2014	<p>Amendment to existing PMI raised 13/11/2013:</p> <p>The two theatres to be omitted at this time are THE 114 and THE 109. The Board confirm that BMCL should install the surgical image viewing wiring to THE - 085 and THE – 092</p> <p>GW advised that BMCL would review the implications of the amendment.</p> <p>BMCL are pulling together the cost. DH noted that the costs should reflect the saving process previously followed. GW noted that BMCL needed to understand what had been finished in the room.</p> <p>Costs awaited</p> <p>GW agreed to progress today</p> <p>GW reported that costs have been chased and awaiting response. DH requested to have these by Friday (tomorrow) or he will progress using previous costs</p> <p>DH advised that he would carry out his own assessment of the works. GW advised that he would chase up the sub-contractor(s) for information. DS suggested that GW should advise the supply chain what they will be getting in order to get a speedier response.</p> <p><b>It was noted that this item was closed – equipment list item.</b></p>	
2317	PMI 254	Alterations to Arrival Square	06/11/2013	<p>Further to Brookfield Multiplex response to the EWN on Tuesday 29th October, the Board met with SPT and GCC to undertake a further review of how the area can be adjusted to accommodate all anticipated vehicles without conflict between the hard landscaping and the vehicles. The attached mark-up depicts a revised proposal which incorporates some of the original suggested changes but eliminates the requirement to extend the curved drop-off bay which was the area of most concern from the design team, as outlined in the response.</p> <p>The key features are now:</p> <p>* omission of signals to prioritise Fastlink over other buses (6 columns)</p>	

			<ul style="list-style-type: none"> <li>* omission of raised pedestrian crossing and replacement with drop-kerbs and road markings</li> <li>* Omission of lay-by immediately outside Adult entrance and infill with granite to match</li> <li>* Revised locations for 4no. bus shelters. Exact positions will be confirmed by GCC/SPT</li> <li>* Alteration of kerb in curved lay-by from "Kassel" to dropped kerbs</li> <li>* Addition of two short lengths of paving and local "Kassel" kerbs to form disembarkation points from bus stand. This will require an adjustment to the soft landscaping</li> <li>* Altered road markings</li> </ul> <p>GCC have been asked to confirm that there will be no requirement to resubmit the RCC application.</p> <p>Please provide comments on the revised proposals and updated costs to amend the external works as shown.</p> <p>07/11/2013 Noted that BMCL will review the PMI and provide feedback.</p> <p>14/11/2013 PM advised that feedback and cost information was awaited from BMCL. JB advised that BMCL were going through the hard and soft landscape tenders re roads works. JB enquired if a safety audit would be required. DH advised that formal confirmation was awaited from GCC re there being no requirement to resubmit the RCC application. DH advised that he was not concerned about the need to carry out a safety audit.</p> <p>21/11/2013 WSP take on the proposals awaited and BMCL will chase up. George reviewing the AK marked-up drawing.</p> <p>28/11/2013 DH advised that the costs had been received and were under review by PM. DH enquired if the technical response was available. DS advised that BMCL/WSP were going through the revised proposals. DS had discussed the proposals with JMiller i.e. trees. DH advised that it was proposed to provide the arrival square proposed plan back to SPT and GCC later that day. DS enquired if there was any intention by LES to revisit the vissim model. DH advised that there were no changes to the movement of cars only buses so there was no intention to revisit the vissim model.</p> <p>12/12/2013 DH advised that comments and costs had been received and that the drawing would be submitted to GCC/SPT and the NHS will meet with reps to finalise the agreement. DS advised that WSP were lined up to progress the work and that fees would start to be incurred. DH acknowledged that there would be drawing changes. DH advised that GCC had not answered the query re there being no requirement to revisit the RCC.</p> <p>19/12/2013 DH advised that he had escalated the RCC query with MMcAllister who was going to be liaising with Jim Fleming.</p> <p>09/01/2014 Meeting arranged for 27<sup>th</sup> January but hoped to arrange something earlier – it was anticipated that this item would be closed after this meeting is held</p> <p>16/01/2014 DH noted that an earlier meeting was not possible therefore the 27<sup>th</sup> Jan remained as the meeting date. DS noted that there was no risk on BMCL for authority changes.</p> <p>23/01/2014 DH noted that there were meetings scheduled for 27<sup>th</sup> Jan and 5<sup>th</sup> Feb. In relation to the physical aspects i.e. omission of layby – none of the parties are disagreeing. Waiting point for buses to be concluded. DS advised that he would liaise with WSP re getting design finalised. AK noted that there is a raised platform and enquired if this was to come out and DH suggested changing to a dropped kerb.</p> <p>30/01/2014 DH noted this is wip and there is a meeting with SPT on the 5<sup>th</sup> Feb 2014. GW sought confirmation</p>
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			06/02/2014	that BMCL had been instructed to carry-out the design work and DH confirmed that BMCL were to carry-out the design work.	
			13/02/2014	PM advised that the meeting with GCC had taken place and he could confirm that he would be issuing a PMI to request the omission of a) road crossing, b) bus bay at adult hospital and c) 2 sets of lights. The ducting/conduit for the lights would still need to be installed. JB requested that PM provide an over-marked drawing with the PMI. DS agreed to provide a drawing which is to be over-marked. DH and GW to review the proposals for costing.	
			20/02/2014	PM agreed to locate the drawing and mark-up. DS advised that he could resend the drawing if required. PM advised that the next step was to have a meeting with SPT, GGC and the road designers in order to get a consensus view. PM advised he would issue a PMI to confirm the way forward i.e. take out raised crossing, build a straight dock, etc. DS noted that the raised table had already been taken out. DS raised concern re timelines for approval and potential impact and BMCL were looking at the traffic lights. DS enquired if there had been any suggestion of additional works being required noting that the £6k was for the design work as previously discussed however this cost would raise to £12k if GCC revisit the RCC PM enquired if BMCL are buying the bus shelters and GW advised that there is 4 bus shelters for BMCL to purchase for the arrival square however these shelters did not include the real time bus info. There was also 3 shelters which needed to be relocated from the existing campus and confirmation was required from the NHS as to where these are to be moved to. PM noted that on previous contracts the Contractor had purchased the shelters from SPT. DP raised concern that GCC and SPT have already reviewed the scheme which had been a lengthy process to get to the agreed plan. It was noted that the previous costing proposals had been agreed and BMCL and NHS would need to meet to discuss the implications of the new PMI to be provided. GW noted that liaison with GCC had taken place regarding the 3 sets of traffic lights and feedback was awaited. GW and DR to agree costs. DH noted that a meeting had been scheduled with Alan Anderson at GCC. PM advised that the NHS Reps are meeting with the design reps from LES. DS noted that BMCL are in the process of finalising the order for the 3 sets of traffic lights and were not in a position to order lights for the full requirements. GW noted that he had received a quote from GCC but he was not sure this adequately covered the requirements. DH advised that BMCL should omit only those sets of traffic controls which segregated bus types and that those separating buses from general traffic should remain.. GW noted that GCC appeared to have obtained drawings and have priced for the lights as per the mark-up previously issued by DH. BMCL were scheduled to meet with GCC on 24/02/2014 and requested NHS attendance at this meeting. GW enquired who would contract with Scottish Power as he did not think it was for BMCL to contract with Scottish Power. DH suggested that GCC would liaise direct with Scottish Power for the lights outside the site however the internal lights will be part of the internal lights & infrastructure contract. GW noted that he was trying to get GCC into a position where they confirm what needs to be done as he did not want any liability to be on BMCL for continued power. DS suggested that GCC would satisfy themselves as to where the power comes from and the lights being metered. DH advised that he would liaise with GThomson who has the most recent experience of dealing with traffic light matters at other projects.. DS enquired when the NHS would be meeting with LES and DH advised that the meeting was currently being scheduled for either 25/02, 4/03 or 05/03. DS enquired if BMCL should	

			<p>27/02/2014</p> <p>06/03/2014</p> <p>20/03/2014 04/04/2014</p>	<p>proceed as is. DH enquired if the information was required before the 6<sup>th</sup> March 2014 and DS advised that BMCL want to order up the lights asap. GW suggested that BMCL could deal with the 3 sets of lights in the first instance and then the transport hub separately. AK enquired about the lead time required and GW advised that Siemens had been instructed to get geared up for the Commonwealth Games work so they will have no-one available to do the lights works in the run-up to the games. DH and PM agreed to discuss and confirm if BMCL should proceed as is. Meetings, technical and operational, to discuss arrival square scheduled to take place on 4<sup>th</sup> and 6<sup>th</sup> March respectively with SPT and GCC. WSP drawings will be used to discuss the best way forward. Drawings are not yet in the system and DS agreed to progress this and forward a CAD copy of the drawing to DH</p> <p>Further drawings issued with final proposal in place. Turning circles etc to be checked and confirmed by WSP. DS confirmed that WSP now have the drawing but noted that a further safety audit will be required. DH asked that the works to be confirmed in principal to progress and conclude with GCC. DS agreed to speak to D Campbell and confirm details before the end of the week</p> <p>Cross ref with discussion noted against BMCL EW 143</p> <p><b>It was noted that this item should be closed and discussions noted against PMI 278</b></p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	<p>29/01/2014</p> <p>20/02/2014</p> <p>27/02/2014 06/03/2014</p> <p>27/03/2014</p>	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations: NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH. NSGH OPD Nurses Base - 2 mimic panels. NSGH Critical Care - 1 indicator panel. NCH Workshop - 2 mimic panels. NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011. NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p> <p>DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>DP agreed to pursue with Mercury</p> <p>No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</p> <p>GW suggested that the costs had been provided however he would recheck and reissue asap if</p>	

			04/04/2014	required. GW, DH and DP to meet to discuss. GW advised that he had a cost which he was debating with Mercury therefore the cost had not yet been sent to the NHS.	
2430	PMI 270	CHILDRENS HOSPITAL - SCIENCE CENTRE INSTALLATION YCF1 ADDITIONAL POWER & DATA	07/02/2014 13/02/2014 20/02/2014 13/03/2014 20/03/2014 27/03/2014	Proposed Board funded (YCF) Group 5 installed furniture and fitments. Addition power and data points requested by Science Centre on behalf of Yorkhill Children's Charity. GW advised that Mercury had been instructed to do the works and BMCL were awaiting a CEN for the works PM advised that he would provide the CE once it had been through the ASSB approval process – circa 20/03/2014 Approved at ASSB on 10 <sup>th</sup> March – PM to write up CE GW to progress. Cross ref CE 052 CHILDREN'S HOSPITAL-SCIENCE CENTRE INSTALLATION YCF1 - ADDITIONAL POWER/DATA CE issued therefore item can be closed. Cross ref 052.	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014 13/02/2014 20/02/2014  27/02/2014 06/03/2014  13/03/2014  20/03/2014 27/03/2014 04/04/2014	Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap. DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info. Sketches with Board early next week and then costs will follow asap thereafter. DS advised that the initial proposals sketched up by Nightingales did not fully address the brief and that further sketches had been requested – BMCL to chase up Drawing received and returned with comments relating to the trolley size. Revised drawing awaited in order that this can be progressed, DH suggested that the drawing had been issued the previous day and would progress asap. GW advised that PHealth was pursuing the cost information. PM advised that the NHS Had received a drawing on 03/04/2014 which would be reviewed asap. It was noted that BMCL would review the pricing on the basis of the drawing. DS enquired if the drawing was to be put through as formal RDD and this was confirmed.	
2462	PMI 274	ADULT & CHILDREN'S HOSPITALS PROVISION OF MGPS IN ADL KITCHENS	03/3/2014       13/03/2014 27/03/2014 04/04/2014	Confirmation of removal of MGPS in ADL Kitchens. Confirmation of deletion of oxygen outlet (OUT470) from Acute Receiving department ADL kitchen (NSGH-00-AAW-043) in line with advice received from the Board's Fire Officer and MGPS Authorising Engineer.  1:50 layouts for the ADL Kitchens listed below have been reviewed (for both hospitals) and note that no installation has been briefed in these rooms and therefore no change in these rooms.  NCH-00-REH-053; NSGH-05-WS5-017; NSGH-08-WS8-033. Costs are minimal and work to be carried out GW advised that 1 has already been installed and tested – indicative costs are £990. DH advised that he would review the costs. GW advised that he was awaiting feedback from DH. DR noted that it had been agreed this would	



				be dealt with through the equipment list therefore the item could be closed (3 x £990).	
2476	PMI 275	ADULT AND CHILDREN'S HOSPITALS - WIRELESS ACCESS POINTS	<p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p>	<p>The Board propose to substitute approximately 550 @ 2600 WAP's (Contract purchase) with 4G WAP's (Board purchase) to be installed in locations where WAP's have still to be installed. Exact quantity and locations to be identified by Board.</p> <p>The Board propose to issue 4G compatible WAP's (Model No. 3700) to be installed in circa 1 in 5 locations where WAP's have not yet been installed. BMCE to provide an equivalent number of 2600 WAP's contract purchase) to the Board for use elsewhere.</p> <p>Warranty implications for the 4G 3700 WAP's will remain with NHS GG&amp;C and similarly warranties for the 2600 WAP's will remain with BMCE.</p> <p>A meeting is to be convened as soon as possible to agree the basis for selecting locations for the 4G 3700 WAP's and also confirm final quantities.</p> <p>NHS to provide 550 and BMCE to provide 550 back. A meeting is arranged for Friday to clarify positions and numbers</p> <p>DH noted that a swap arrangement was not as simple as first thought. Boston will be required to provide a high level cost. The positions for the 4G WAP need to be identified.</p> <p>DH noted that he had received costs and had forwarded these costs to IT to ask how they propose to pay for the required i.e. survey to identify the positioning of the WAPs.</p> <p>GW noted that the costs had been provided to the NHS and PM advised that he would review. It was noted that there had been discussion re NHS Getting Boston to do the design and BCL to procure Boston to install. BMCL not comfortable the proposal for BMCL to procure the design.</p>	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	<p>07/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p>	<p>The Board request costs for the proposed enhancements noted below.</p> <p>The Board request costs for the additional resilience of MGPS systems as follows;</p> <ol style="list-style-type: none"> <li>1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>3) Oxygen loop within Adult Hospital tower.</li> <li>4) Oxygen loop within Children's Hospital (M32 - M38).</li> <li>5) Vacuum loop within Adult Hospital tower.</li> <li>6) Vacuum loop within Children's Hospital (M32 - M38).</li> </ol> <p>The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits.</p> <p>DH advised this was WIP</p> <p>DH advised that he was awaiting a breakdown of the costs for each heading.</p> <p>GW noted that Mercury have advised that some of the above is already in their scope of works.</p>	
2499	PMI 278 -	Alterations to Arrival Square - Alteration to PMI 254	24/03/2014	<p>The Board confirm that, on the basis of the on-going discussions with Glasgow City Council &amp; SPT which are at an advanced stage, BMCL should proceed with the traffic signals procurement on the basis of the layout shown on WSP-EW-XX-SK-771-111 Rev 1. Additional cost to be agreed for the global revision.</p> <p>The Board confirm that, on the basis of the on-going discussions with Glasgow City Council &amp; SPT</p>	

				<p>which are at an advanced stage, BMCL should proceed with the traffic signals procurement on the basis of the layout shown on WSP-EW-XX-SK-771-111 Rev 1. Additional cost to be agreed for the global revision.</p> <p>GCC have intimated that the only items under review are:</p> <ul style="list-style-type: none"> <li>a) Width of road crossing between A&amp;C and Laboratories</li> <li>b) Provision of 'zig-zag' line markings on dedicated bus lanes at pedestrian crossing</li> <li>c) Precise locations of bus shelters/halts</li> <li>d) Exact locations of Kassel &amp; dropped kerbs</li> </ul> <p>These items will be shown on a drawing, to follow, which GCC are preparing.</p>	
2513	PMI 280	PMI 280 NEW SOUTH GLASGOW HOSPITALS - ARRIVAL SQUARE	31/03/2014	<p>Confirmation of area in abbeyance, and area where work can proceed.</p> <p>As the Board are continuing with discussions on the exact arrangements for the bus halts and lay-up areas, and to minimise the impact upon design/construction of the arrival square area we instruct Brookfield Multiplex to proceed with the altered design as set out in WSP-EW-XX-SK-771-111 Rev 01 to those areas highlighted on the attached marked up sketch.</p> <p>The areas not highlighted are the kerb line on the south edge of the road (hospital frontage) and the pedestrian crossing to the Laboratory Block. Access to the patient transport drop off area is to be via dropped kerbs at entrance and exit to avoid re-visitation of the TRO.</p>	
2549	PMI 281 -	CAMPUS MASTERPLAN DRAWING	07/04/2014	<p>Please provide quotation to update campus masterplan drawing, per attached documentation. Provide quotation by noon Friday 11th April 2014 based on attached information.</p>	
2552	PMI 282	ARTS PROJECT DIGNIFIED SPACES EQUIPMENT IN 21 ROOMS	07/04/2014	<p>The Board confirm the transfer of Group 3 furniture to Group1 in 21 rooms as part of the Dignified Spaces project.</p> <p>The Board confirm the transfer of the equipment listed on the attached schedule from Group 3 to Group 1. This equipment will now be supplied and installed by Brookfield Multiplex, to include bespoke printed fabrics to chairs, sofas all as per arts strategy. Group1 equipment list to be updated and associated costs included within the list.</p>	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p> <p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
NONE					

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) **DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014).**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/23014) It was noted that the

neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) **GW, DS and PM to meet as GW has the drawings for review (04/04/2014)**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application "duly made" and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need

to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) **It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014)**

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) **DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the) storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing.(20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) **DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014)**



- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMCL and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014). DH acknowledged that a revised set of drawings had appeared on his desk for review. FW was concluding the bedhead issue with BRooney. (27/03/2014) **DP noted that it was understood that DH, FW, KH and BR had agreed the technical aspects of the bedheads. DP would prepare a schedule for issuing via RDD. Pm advised he would liaise with DH (04/04/2014)**

Dignified spaces – no removal of equipment from group 3 to 1 and will be resolved by PM. This item requires further discussion. Design company require colour matches. PM asked for further details in order to progress this to conclusion. GW noted that if this moves to Group1 from 3 then this would incur a contractual change and therefore needs to be further discussed before decision taken (06/03/2014). PM agreed to discuss with RStewart on how best to progress. A process is required to ensure payment can be progressed possibly by moving funding within the equipment list (13/03/2014) GW noted that feedback from PM was awaited (20/03/2014) PM noted that he is in discussion with RStewart re transfer of money from the Equipment Budget to BMCL for the purchase of basic chairs so BMCL can then cover the chairs with the bespoke fabric. (27/03/2014) **PM to provide as PMI – Item to be removed once PMI raised (04/04/2014)**


- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) It was noted that the costs were awaited (20/03/2014) DH advised that the spec for the RO plant needed to be written into the spec for the decontamination washers. The change control process needed to be concluded. There had been a change to practice since the ERs had been written. BMCL asked to provide the spec asap as tender for the washer/dryers 31<sup>st</sup> May 2014. **DP advised that the spec would be provided to DH and PM asap (04/04/2014)**
- Other works outwith the redline – GW asked for clarity on the works that are outwith discussions with GCC. DH noted that a clear drawing from WSP required to show work to be carried out by BMCE as part of their works. Concern that BMCE will be asked to carry out works on the opposite side of Hardgate Road and therefore clarity required. DH asked for the drawings so that a review of these by project team can be carried out – GW will progress (13/03/2014) It was noted that BMCL will progress the mark-up identifying the works within and outwith BMCL scope on the basis of the WSP drawing (27/03/2014) **GW noted that he had a drawing from WSP and suggested that BMCL and NHS meet once he had initially reviewed the drawing (04/04/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) **DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in due course (04/04/2014)**
- Operational signage – this matter needs to be discussed with DH. BMCL do not consider that 'Please wash your hands' signage is a BMCL item as has never been a part of wayfinding before. DH noted that the operational signage is advised in the NHS Guidance document. GW acknowledged that the signage was included in the NHS document however this was a guidance doc only (20/03/2014) It was noted that the operational signage was to be discussed internally. DL advised that RCaldерwood is interested in the principles of the signage (24/03/2014) **DH to confirm back to BMCL that there is no issue and item is to be closed (04/04/2014)**

- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for the Board/Solus to supply and fit the TVs. (20/03/2014) **DH advised that he would meet with MM and FW to identify the positioning of the TV, Directory notice board, etc. (27/03/2014)**
- Link bridge break-in – AFe advised that there was to be a meeting held with BAM. AFe queried who would be responsible for the removal of panels as if it is BAM then they need to take over the ownership off/warranty. AFe acknowledged that it is a knock-out panel. PM agreed to consider (04/04/2014)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 16/04/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDerment at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	



			<p>19/12/2013 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>09/01/2014 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>16/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>23/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>30/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>06/02/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>13/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>20/02/2014 DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>06/03/2014 DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p> <p>13/03/2014 Information is now with Wallace Whittle for final review</p> <p>20/03/2014 DP reported that Wallace Whittle had information and also with FC for final check. This is anticipated to be returned next week and then this item can be closed</p> <p>27/03/2014 DH advised that there had been a recount of the points and there is an increase in the number of points therefore potential impact on switches (circa 400 extra). DP noted that Schneider had initially provided an inaccurate point count and the recheck identified additional requirements. It had been expected that the initial point count would have included an allowance and that the overall number predicted a while ago was reasonably accurate however it is the locations which have caused the issue. DH suggested that there may be a requirement for additional stackable switches/additional modules. DP reported that the NHS order to Capita is very specific. DH noted that a further check re cooling would need to be undertaken once the work done to confirm the point count had been concluded.</p> <p>02/04/2014 DP noted that the design had been provided by WW. A proper point count was under review to check for any impact – information to be provided to DH later that day.</p> <p>10/04/2014 GW advised that DP had suggested that this is in an ok position.</p> <p>GW noted that the NHS were to check with FC that he has the same view as DP. PM noted that FC is happy with the BMCL position. DH noted that this would need to be covered by a derogation and a PMI should be issued to confirm way forward.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p>	


			13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014	DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. <b>Noted that DR was to meet with DL.</b>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. <b>GW to provide back-up information</b> <b>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</b>	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing	

			03/04/2014	<p>GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then they are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p>	
			10/04/2014	<p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystallises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p>	
20982	BMCL-EWN-000144	Increased Height of NDC Cart	19/03/2014	<p>Information recently received by BM indicates an overall height increase in the size of the NDC cart from that previously advised. BM have based our minimum door clearance height on a worst case cart height of 1690mm, as advised by K Connelly to BM in her email dated 22nd March 2010, attached and as per the original cart supplied by the Board. There was no information contained in the AGV / Cart compatibility schedule for the NDC cart contained in the FBC Appendix K document, also attached. BM understand that the cart now proposed by the Board for use by NDC is 1725mm which will prove unworkable in all AGV routes as it would give an out-turn height of 2140mm not 2105mm within a designed signed off door strategy opening of 2150mm, therefore not allowing adequate clearance, as per attached door clearance document.</p> <p><i>Text lifted from Notes Section:</i>  AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and</p>	



			20/03/2014	<p>DS will further review (06/03/2014). There appears to be some confusion on the carts that could possibly be affected by the door clearance issues. And that these lower tolerances would only be on the NDC carts (1725). DP has asked Swisslog for information on reducing heights and a clear understanding of the areas affected (13/04/2014) Cross reference with EW</p> <p>GW advised that there was concern that the NDC cart did not work with the BMCL design – doesn't work with the sub-base solution. DP advised that the sub-base had been redesigned and will not be greater than 390mm. DH enquired if there was any option to modify the AGV lift and DP confirmed this was not an option. DH suggested that there were circa 24 doors which were impacted on (AGV needs to pass through). GW advised that NHollowell had been requested to confirm the impact to other doors which the NDC cart needs to be manually put through. It was noted that it was not proposed that circa 700 doors would be changed. It was proposed to discuss with KC and identify potential to make the NDC cart deliveries work at the drop of points. It would be beneficial to get an actual measure of the height of the circa 24 doors. GW advised that he had asked NHollowell to mark-up a drawing and would get the floor plans marked up indicating the heights of the doors so can establish the issue.</p>	
			27/03/2014	DH advised that RS had confirmed that the cart height is 1725 and this is a special NHS cart. RS is organizing a meeting with NDC & KC to discuss the potential of only using the 1680 carts for the new south hospitals. DS suggested that it would be beneficial to get the cart which is actually to be used so it can be trialed.	
			03/04/2014	DS advised that he understood that RS was meeting with NDC w/c 07/04/2014. DR enquired about the 13 basement doors which may need to be changed if the height of the cart goes to 1725mm. GW advised that there were 3 doors in the Labs which may need to be changed however NHollowell had carried out a lot of work reviewing the door impacts and a marked up drawing had been prepared of the impacted doors.	
			10/04/2014	DH noted that there was a meeting later that day with NDC. DS requested that feedback be provided asap.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 16/04/2014

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p>	
			19/09/2013		
			26/09/2013		
			03/10/2013		

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			10/10/2013	WIP by BMCL
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over

			10/04/2014	<p>the weekend to prepare the scope of works so can put out to tender.</p> <p>GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014  23/01/2014  30/01/2014  13/02/2014  27/02/2014 06/03/2014  20/03/2014  27/03/2014  04/04/2014  10/04/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 16/04/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.	
			12/12/2013	DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.	
			19/12/2013	DS confirmed that response still awaited from Building Control	
			09/01/2014	DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.	
			23/01/2014	DS was scheduled to meet with Raymond Barlow.	
			30/01/2014	DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
			13/02/2014	DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.	
			20/02/2014	DS advised that he had written to RBarlow on the 13 <sup>th</sup> and 20 <sup>th</sup> Feb specifically on this item and was awaiting a response.	
			27/02/2014	response is anticipated imminently.	
			06/03/2014	DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a “view”. This requires an application to be made and BMCE are progressing this.	

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			13/03/2014 20/03/2014 27/03/2014  10/04/2014	Confirmation required when "view" application will be submitted – DP agreed to progress DP advised that he would liaise with JMurray re date for submission of the 'view'. DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues.  DS advised that RBarlow is currently on leave and he would chase up asap. DH noted that Building Control had thought that there was no previous omissions from aseptic. DH had advised Jim Munro that the additional spaces were small and explained the criticality of the spaces. JMunro had advised that he would liaise with Brian Tierney.	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	11/10/2013    17/10/2013  24/10/2013  31/10/2013 07/11/2013 23/01/2013  28/01/2013   30/01/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/04/2014	Confirmation of requirements for floor screeds to 3 rooms. Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room. PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that ACFlooring will carry-out the works. Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed. DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top. Additional Note added to Sypro as follows: The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish. Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss. GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH. Instruction will be amended as requested by BMCL. GW to advise the cost. Costs awaited GW agreed to process today GW agreed to progress – PMI has been amended to correct product and removed "concrete" – GW to provide costs	07/11/2013



			20/03/2014 27/03/2014 04/04/2014  10/04/2014	<p>DH suggested that the drawing had been issued the previous day and would progress asap.</p> <p>GW advised that PHealth was pursuing the cost information.</p> <p>PM advised that the NHS Had received a drawing on 03/04/2014 which would be reviewed asap. It was noted that BMCL would review the pricing on the basis of the drawing. DS enquired if the drawing was to be put through as formal RDD and this was confirmed.</p> <p>DS advised that he would take the PMI as instructed and will catch the drawing as as-builts and record on the RDD schedule. PM confirmed that updating the drawing as part of the as-builts was satisfactory. PM would email GBurnett to confirm that he was satisfied with the most recent layout provided by BMCL.</p>	
2476	PMI 275	ADULT AND CHILDREN'S HOSPITALS - WIRELESS ACCESS POINTS	13/03/2014 20/03/2014 27/03/2014 04/04/2014  10/04/2014	<p>The Board propose to substitute approximately 550 @ 2600 WAP's (Contract purchase) with 4G WAP's (Board purchase) to be installed in locations where WAP's have still to be installed. Exact quantity and locations to be identified by Board.</p> <p>The Board propose to issue 4G compatible WAP's (Model No. 3700) to be installed in circa 1 in 5 locations where WAP's have not yet been installed. BMCE to provide an equivalent number of 2600 WAP's contract purchase) to the Board for use elsewhere.</p> <p>Warranty implications for the 4G 3700 WAP's will remain with NHS GG&amp;C and similarly warranties for the 2600 WAP's will remain with BMCE.</p> <p>A meeting is to be convened as soon as possible to agree the basis for selecting locations for the 4G 3700 WAP's and also confirm final quantities.</p> <p>NHS to provide 550 and BMCE to provide 550 back. A meeting is arranged for Friday to clarify positions and numbers</p> <p>DH noted that a swap arrangement was not as simple as first thought. Boston will be required to provide a high level cost. The positions for the 4G WAP need to be identified.</p> <p>DH noted that he had received costs and had forwarded these costs to IT to ask how they propose to pay for the required i.e. survey to identify the positioning of the WAPs.</p> <p>GW noted that the costs had been provided to the NHS and PM advised that he would review. It was noted that there had been discussion re NHS Getting Boston to do the design and BCL to procure Boston to install.</p> <p>DH noted that the NHS were proceeding on the basis that it is a direct instruction. GW noted that BMCL would want the works to be carried out post PC. DH advised that carrying out the works would mean that there is abortive work and there is no liability on BMCL as is a Boston design and is only a substation of the WAPs not a relocation of WAPs.</p>	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	07/03/2014	<p>The Board request costs for the proposed enhancements noted below.</p> <p>The Board request costs for the additional resilience of MGPS systems as follows;</p> <ol style="list-style-type: none"> <li>1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>3) Oxygen loop within Adult Hospital tower.</li> <li>4) Oxygen loop within Children's Hospital (M32 - M38).</li> <li>5) Vacuum loop within Adult Hospital tower.</li> <li>6) Vacuum loop within Children's Hospital (M32 - M38).</li> </ol>	





2549	PMI 281 -	CAMPUS MASTERPLAN DRAWING	07/04/2014  10/04/2014  16/04/2014	<p>Please provide quotation to update campus masterplan drawing, per attached documentation. Provide quotation by noon Friday 11th April 2014 based on attached information.</p> <p>DS advised he would liaise with Gillespies regarding quote for updating the masterplan drawing. DL suggested that a meeting to go over the masterplan would be beneficial and DS agreed to organize a meeting for w/c 14/04/2014</p> <p>Additional Notes added 16/04/2014</p> <p>Please proceed with preparation of the masterplan drawing in line with meeting on 15<sup>th</sup> April 2014, and attached quotation in amount of £10,713.87 ex VAT. Interim meeting planned for Thursday 8<sup>th</sup> May 2014, time to be confirmed.</p>	
2552	PMI 282	ARTS PROJECT DIGNIFIED SPACES EQUIPMENT IN 21 ROOMS	07/04/2014   10/04/2014	<p>The Board confirm the transfer of Group 3 furniture to Group1 in 21 rooms as part of the Dignified Spaces project.</p> <p>The Board confirm the transfer of the equipment listed on the attached schedule from Group 3 to Group 1. This equipment will now be supplied and installed by Brookfield Multiplex, to include bespoke printed fabrics to chairs, sofas all as per arts strategy. Group1 equipment list to be updated and associated costs included within the list.</p> <p>Item closed – equipment list changed</p>	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014   10/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p> <p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p>	
2556	PMI 284	Provision of Interface on East Rd Fire Main for connection to TLF & Offices	10/04/2014	<p>The Board request that to allow future connection of the TLF &amp; Offices fire hydrants to the site wide ring main, the following are incorporated in the location identified on the sketch below: 1. 1 x 250mm x150mm Branch Tee 2. 1 x 150mm isolation valve 3. 2 x 250mm Stub Flanges 4. 3 x 150mm stub Flanges 5. 1 x Short tail 150mm 6. 1 x set of Valve chambers and cover For clarity, the pipe sizes noted above are internal and the TLF &amp; Offices connection pipe work has an external diameter of 180mm</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
NONE					

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) **DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014).**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/23014) It was noted that the

neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) **GW, DS and PM to meet as GW has the drawings for review (04/04/2014)** PM advised that he was awaiting the updated Neo-natl drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water

drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advise had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) **DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014)**

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) **DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the) storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to




undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) **DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014)**

- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMCL and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014). DH acknowledged that a revised set of drawings had appeared on his desk for review. FW was concluding the bedhead issue with BRooney. (27/03/2014) DP noted that it was understood that DH, FW, KH and BR had agreed the technical aspects of the bedheads. DP would prepare a schedule for issuing via RDD. PM advised he would liaise with DH (04/04/2014) **DH noted that the revised drawing had been issued. The additional points will be captured on the equipment list. DH to liaise with DP as the schedule is signed-off so there should be no need for a PMI. (10/04/2014)**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) It was noted that the costs were awaited (20/03/2014) DH advised that the spec for the RO plant needed to be written into the spec for the decontamination washers. The change control process needed to be concluded. There had been a change to practice since the ERs had been written. BMCL asked to provide the spec asap as tender for the washer/dryers 31<sup>st</sup> May 2014. **DP advised that the spec would be provided to DH and PM asap (04/04/2014) DH to confirm if this is an equipment list item and provide feedback. (10/04/2014)**
- Other works outwith the redline – GW asked for clarity on the works that are outwith discussions with GCC. DH noted that a clear drawing from WSP required to show work to be carried out by BMCE as part of their works. Concern that BMCE will be asked to carry out works on the opposite side of Hardgate Road and therefore clarity required. DH asked for the drawings so that a review of these by project team can be carried out – GW will progress (13/03/2014) It was noted that BMCL will progress the mark-up identifying the works within and outwith BMCL scope on the basis of the WSP drawing (27/03/2014) GW noted that he had a drawing from WSP and suggested that BMCL and NHS meet once he had initially reviewed the drawing (04/04/2014) **GW advised that he now had a drawing and proposed to mark-up the BMCL scope onto the drawing and then liaise with the NHS re any other bits. PM requested that BMCL issue the drawing via Aconex asap. (10/04/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) **DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014)**

- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for the Board/Solus to supply and fit the TVs. (20/03/2014) DH advised that he would meet with MM and FW to identify the positioning of the TV, Directory notice board, etc. (27/03/2014) DH and advised that the NCH was to be resolved and he would liaise with GBurnett (10/04/2014)
- Link bridge break-in – AFe advised that there was to be a meeting held with BAM. AFe queried who would be responsible for the removal of panels as if it is BAM then they need to take over the ownership off/warranty. AFe acknowledged that it is a knock-out panel. PM agreed to consider (04/04/2014) AFe noted that BMCL may not need to take out panel for BAM as their steelwork sits slightly back from the link bridge. (10/04/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 23/04/2014:

<div style="float: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	



			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDerment at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	

			<p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	<p>holiday but that she would chase this up.</p> <ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul> <p>DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH.</p> <p>DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve</p>	

			<p>any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.</p> <p>12/12/2013 DP advised that WWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2<sup>nd</sup> PDU which would need to be supplied by Capita.</p> <p>19/12/2013 DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.</p> <p>09/01/2014 Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie</p> <p>16/01/2014 DP advised that the hub room cooling proposal would be provided to the DH &amp; FC later that day.</p> <p>23/01/2014 DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.</p> <p>30/01/2014 DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.</p> <p>06/02/2014 DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014</p> <p>13/02/2014 DP noted that the heat loads had changed and BMCL &amp; WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.</p> <p>20/02/2014 DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014</p> <p>06/03/2014 Information is now with Wallace Whittle for final review</p> <p>13/03/2014 DP reported that Wallace Whittle had information and also with FC for final check. This is anticipated to be returned next week and then this item can be closed</p> <p>20/03/2014 DH advised that there had been a recount of the points and there is an increase in the number of points therefore potential impact on switches (circa 400 extra). DP noted that Schneider had initially provided an inaccurate point count and the recheck identified additional requirements. It had been expected that the initial point count would have included an allowance and that the overall number predicted a while ago was reasonably accurate however it is the locations which have caused the issue. DH suggested that there may be a requirement for additional stackable switches/additional modules. DP reported that the NHS order to Capita is very specific. DH noted that a further check re cooling would need to be undertaken once the work done to confirm the point count had been concluded.</p> <p>27/03/2014 DP noted that the design had been provided by WW. A proper point count was under review to check for any impact – information to be provided to DH later that day.</p> <p>02/04/2014 GW advised that DP had suggested that this is in an ok position.</p> <p>10/04/2014 GW noted that the NHS were to check with FC that he has the same view as DP. PM noted that FC is happy with the BMCL position. DH noted that this would need to be covered by a derogation and a PMI should be issued to confirm way forward.</p> <p>17/04/2014 DH advised confirmation will be provided via PMI including the Rev 05 schedule</p>	
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20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014</p> <p>27/03/2014 03/04/2014</p> <p>10/04/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014 27/03/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	<p>10/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p> <p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p> <p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the</p>	

			<p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	<p>number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking. The traffic lights reps at GCC have suggested that the traffic arrangements are not appropriate. A set of notes is awaited to identify what has been previously been discussed which AFe will obtain the notes. DS stressed that BMCL feel that the changes need to be resisted.</p>	
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20982	BMCL-EWN-A51679245	Increased Height of NDC	19/03/2014	Information recently received by BM indicates an overall height increase in the size of the NDC cart from	
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000144	Cart		<p>that previously advised. BM have based our minimum door clearance height on a worst case cart height of 1690mm, as advised by K Connelly to BM in her email dated 22nd March 2010, attached and as per the original cart supplied by the Board. There was no information contained in the AGV / Cart compatibility schedule for the NDC cart contained in the FBC Appendix K document, also attached. BM understand that the cart now proposed by the Board for use by NDC is 1725mm which will prove unworkable in all AGV routes as it would give an out-turn height of 2140mm not 2105mm within a designed signed off door strategy opening of 2150mm, therefore not allowing adequate clearance, as per attached door clearance document.</p> <p><i>Text lifted from Notes Section:</i>  AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and DS will further review (06/03/2014). There appears to be some confusion on the carts that could possibly be affected by the door clearance issues. And that these lower tolerances would only be on the NDC carts (1725). DP has asked Swisslog for information on reducing heights and a clear understanding of the areas affected (13/04/2014) Cross reference with EW</p> <p>20/03/2014 GW advised that there was concern that the NDC cart did not work with the BMCL design – doesn't work with the sub-base solution. DP advised that the sub-base had been redesigned and will not be greater than 390mm. DH enquired if there was any option to modify the AGV lift and DP confirmed this was not an option. DH suggested that there were circa 24 doors which were impacted on (AGV needs to pass through). GW advised that NHollowell had been requested to confirm the impact to other doors which the NDC cart needs to be manually put through. It was noted that it was not proposed that circa 700 doors would be changed. It was proposed to discuss with KC and identify potential to make the NDC cart deliveries work at the drop of points. It would be beneficial to get an actual measure of the height of the circa 24 doors. GW advised that he had asked NHollowell to mark-up a drawing and would get the floor plans marked up indicating the heights of the doors so can establish the issue.</p> <p>27/03/2014 DH advised that RS had confirmed that the cart height is 1725 and this is a special NHS cart. RS is organizing a meeting with NDC &amp; KC to discuss the potential of only using the 1680 carts for the new south hospitals. DS suggested that it would be beneficial to get the cart which is actually to be used so it can be trialed.</p> <p>03/04/2014 DS advised that he understood that RS was meeting with NDC w/c 07/04/2014. DR enquired about the 13 basement doors which may need to be changed if the height of the cart goes to 1725mm. GW advised that there were 3 doors in the Labs which may need to be changed however NHollowell had carried out a lot of work reviewing the door impacts and a marked up drawing had been prepared of the impacted doors.</p> <p>10/04/2014 DH noted that there was a meeting later that day with NDC. DS requested that feedback be provided asap.</p> <p>17/04/2014 <b>Item closed. DP confirmed that have 2150mm clear to work within. DS advised that he had a schedule of the doors impacted upon i.e. circa 3 in the labs and 14 in the basement which the AGV goes through. AFe agreed to check the door heights later that day.</b></p>	
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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2012</p> <p>07/11/2013</p> <p>21/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	




			<p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 <b>PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014 An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>16/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>23/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>30/01/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>13/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is</p>	

			27/02/2014 06/03/2014  20/03/2014 27/03/2014  04/04/2014 10/04/2014  17/04/2014	<p>awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days. Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p>	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 23/04/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013   19/09/2013  03/10/2013 10/10/2013 24/10/2013 07/11/2013  14/11/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p> <p>DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.</p> <p>PM noted this was WIP.</p> <p>DS advised that confirmation was awaited from Building Control re the sprinkler omission.</p> <p>Building Control information is awaited</p> <p>DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.</p> <p>Response awaited from Building Control</p>	

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			<p>21/11/2013 28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>23/01/2014 30/01/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014 06/03/2014</p> <p>13/03/2014 20/03/2014 27/03/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	<p>Noted that Jim Murray had been asked to chase up a response from BControl.</p> <p>DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p>DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p>DS was scheduled to meet with Raymond Barlow.</p> <p>DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</p> <p>DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.</p> <p>DS advised that he had written to RBarlow on the 13<sup>th</sup> and 20<sup>th</sup> Feb specifically on this item and was awaiting a response.</p> <p>response is anticipated imminently.</p> <p>DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.</p> <p>Confirmation required when "view" application will be submitted – DP agreed to progress</p> <p>DP advised that he would liaise with JMurray re date for submission of the 'view'.</p> <p>DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues.</p> <p>DS advised that RBarlow is currently on leave and he would chase up asap. DH noted that Building Control had thought that there was no previous omissions from aseptic. DH had advised Jim Munro that the additional spaces were small and explained the criticality of the spaces. JMunro had advised that he would liaise with Brian Tierney.</p> <p>DS advised that he was scheduled to meet with RBarlow on 23/04/2014</p>	
2282	PMI 250	ADULT & CHILDRENS HOSPITALS - MRI ROOMS RAG 109 & 112; RCG 064 AND RCF 024	<p>11/10/2013</p> <p>17/10/2013</p>	<p>Confirmation of requirements for floor screeds to 3 rooms.</p> <p>Further to EEP Report ref 2854, dated 6th September 2013, and whilst awaiting final confirmation of any impacts from installed concrete reinforcement (from WSP) on the transfer MRI for room RCF-024, the Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 80mm below the general FFL for the room. The specialist Group 5 supplier will then install containment and build up the floor including the Faraday cage to be level with the general floor level. This instruction is predicated on the EEP report which confirms that no floor shielding is required to these three rooms (RAG 109, RAG 112 and RCG 064) as the areas under the rooms are either solid ground or, in the case of RAG 109, the void over a refrigerated room.</p> <p>PM noted that a walk-round of the site with AFe, etc was required in order to discuss/agree the ceilings/containment. PM noted that for room RCF-024 – this would be transfer equipment and was work in progress to conclude. The NHS was currently awaiting info from BMCL. JB noted that</p>	07/11/2013

			<p>24/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>23/01/2013</p> <p>28/01/2013</p> <p>30/01/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/04/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>17/04/2014</p>	<p>ACFlooring will carry-out the works.</p> <p>Meeting taking place on Friday and responses to queries to be available on Monday and thereby confirming progress. It was noted that there was no low level cabling from MRI to control room – not clear why there is a delay in completing the rooms – installation information from manufacturers to checked for clarity</p> <p>DH acknowledged that a check was to be made to the control rooms re trunking/floor recess fill. It was agreed this item was now closed.</p> <p>DH noted that he would be amending the PMI to change the infill in the MRI. DH had liaised with AFe who had advised that the works had not been progressed in this area as yet. Request will be to screed to 30mm below FFL then put on a SR1 latex top.</p> <p>Additional Note added to Sypro as follows:</p> <p>The Board instruct BMCE to proceed with concrete upfill to rooms RAG 109, RAG 112 and RCG 064 to a level 23mm below the general FFL for the room. Level across the room to be +/- 3mm and by agreement this is to be achieved by upfilling with concrete to FFL - 30mm and a self leveling screed to provide SR1 finish.</p> <p>Noted that work had commenced/ongoing. GW raised concern that BMCL now needed to put in an additional 50mm of screed. DH and GW to discuss.</p> <p>GW advised that there was ongoing review of the requirements and asked that the NHS amend the PMI to be HD Screed and to include the thickness. PM advised he would discuss with DH.</p> <p>Instruction will be amended as requested by BMCL. GW to advise the cost.</p> <p>Costs awaited</p> <p>GW agreed to process today</p> <p>GW agreed to progress – PMI has been amended to correct product and removed “concrete” – GW to provide costs</p> <p>GW advised that he had reviewed and would discuss with DH.</p> <p>GW and DH to meet to conclude</p> <p>DH advised this item had been concluded as an equipment list item. Agreed item could be closed.</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	<p>29/01/2014</p>	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p> <p>NSGH Critical Care - 1 indicator panel.</p> <p>NCH Workshop - 2 mimic panels.</p> <p>NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.</p> <p>NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p>	

			<p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	<p>DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>DP agreed to pursue with Mercury</p> <p>No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</p> <p>GW suggested that the costs had been provided however he would recheck and reissue asap if required. GW, DH and DP to meet to discuss.</p> <p>GW advised that he had a cost which he was debating with Mercury therefore the cost had not yet been sent to the NHS.</p> <p>GW advised that he had the cost information and needed to discuss 1 query with JBailey and thereafter would provide the information to the NHS asap</p> <p>DH agreed to discuss with GW and JB on return from GW's leave.</p>	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	<p>10/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	<p>Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification.</p> <p>PM advised that he would provide trolley dimensions to GB and DS asap.</p> <p>DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info.</p> <p>Sketches with Board early next week and then costs will follow asap thereafter.</p> <p>DS advised that the initial proposals sketched up by Nightingales did not fully address the brief and that further sketches had been requested – BMCL to chase up</p> <p>Drawing received and returned with comments relating to the trolley size. Revised drawing awaited in order that this can be progressed,</p> <p>DH suggested that the drawing had been issued the previous day and would progress asap.</p> <p>GW advised that PHealth was pursuing the cost information.</p> <p>PM advised that the NHS Had received a drawing on 03/04/2014 which would be reviewed asap. It was noted that BMCL would review the pricing on the basis of the drawing. DS enquired if the drawing was to be put through as formal RDD and this was confirmed.</p> <p>DS advised that he would take the PMI as instructed and will catch the drawing as as-builts and record on the RDD schedule. PM confirmed that updating the drawing as part of the as-builts was satisfactory. PM would email GBurnett to confirm that he was satisfied with the most recent layout provided by BMCL.</p> <p>PM advised that he had received drawings through RDD and will return back by COP that day.</p>	
2476	PMI 275	ADULT AND CHILDREN'S HOSPITALS - WIRELESS ACCESS POINTS		<p>The Board propose to substitute approximately 550 @ 2600 WAP's (Contract purchase) with 4G WAP's (Board purchase) to be installed in locations where WAP's have still to be installed. Exact quantity and locations to be identified by Board.</p> <p>The Board propose to issue 4G compatible WAP's (Model No. 3700) to be installed in circa 1 in 5 locations where WAP's have not yet been installed. BMCE to provide an equivalent number of</p>	

			<p>2600 WAP's contract purchase) to the Board for use elsewhere.</p> <p>Warranty implications for the 4G 3700 WAP's will remain with NHS GG&amp;C and similarly warranties for the 2600 WAP's will remain with BMCE.</p> <p>A meeting is to be convened as soon as possible to agree the basis for selecting locations for the 4G 3700 WAP's and also confirm final quantities.</p> <p>NHS to provide 550 and BMCE to provide 550 back. A meeting is arranged for Friday to clarify positions and numbers</p> <p>DH noted that a swap arrangement was not as simple as first thought. Boston will be required to provide a high level cost. The positions for the 4G WAP need to be identified.</p> <p>DH noted that he had received costs and had forwarded these costs to IT to ask how they propose to pay for the required i.e. survey to identify the positioning of the WAPs.</p> <p>GW noted that the costs had been provided to the NHS and PM advised that he would review. It was noted that there had been discussion re NHS Getting Boston to do the design and BCL to procure Boston to install.</p> <p>DH noted that the NHS were proceeding on the basis that it is a direct instruction. GW noted that BMCL would want the works to be carried out post PC. DH advised that carrying out the works would mean that there is abortive work and there is no liability on BMCL as is a Boston design and is only a substation of the WAPs not a relocation of WAPs.</p> <p>DH advised that the item can be closed. NHS IT to liaise directly with Boston. DH agreed to check with FC.</p>	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	<p>07/03/2014</p> <p>The Board request costs for the proposed enhancements noted below.</p> <p>The Board request costs for the additional resilience of MGPS systems as follows;</p> <p>1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar.</p> <p>2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar.</p> <p>3) Oxygen loop within Adult Hospital tower.</p> <p>4) Oxygen loop within Children's Hospital (M32 - M38).</p> <p>5) Vacuum loop within Adult Hospital tower.</p> <p>6) Vacuum loop within Children's Hospital (M32 - M38).</p> <p>The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits.</p> <p>DH advised this was WIP</p> <p>DH advised that he was awaiting a breakdown of the costs for each heading.</p> <p>GW noted that Mercury have advised that some of the above is already in their scope of works.</p> <p>DH advised that the costs had been provided and the review of the information suggests that HPI and Mercury have over-redesigned. A meeting has been scheduled to take place on 14<sup>th</sup> April with Mercury and HPI to discuss.</p> <p>DH advised that the meeting on 14<sup>th</sup> April had been a positive meeting. A VE exercise had been undertaken and report awaited.</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p>	



2511	PMI 279	Children's Hospital L3 - Medicinema Sprinkler Installation	28/03/2014  17/04/2014	Please supply and install 100mm isolation valve in sprinkler system supply pipe in Room space GWS-055 as per attached sketch.  DP agreed to progress	
2549	PMI 281 -	CAMPUS MASTERPLAN DRAWING	07/04/2014 10/04/2014  16/04/2014	Please provide quotation to update campus masterplan drawing, per attached documentation. Provide quotation by noon Friday 11th April 2014 based on attached information. DS advised he would liaise with Gillespies regarding quote for updating the masterplan drawing. DL suggested that a meeting to go over the masterplan would be beneficial and DS agreed to organize a meeting for w/c 14/04/2014  Additional Notes added 16/04/2014 Please proceed with preparation of the masterplan drawing in line with meeting on 15 <sup>th</sup> April 2014, and attached quotation in amount of £10,713.87 ex VAT. Interim meeting planned for Thursday 8 <sup>th</sup> May 2014, time to be confirmed.	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014  10/04/2014  17/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.  Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras. DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing.	
2556	PMI 284	Provision of Interface on East Rd Fire Main for connection to TLF & Offices	10/04/2014  17/04/2014	The Board request that to allow future connection of the TLF & Offices fire hydrants to the site wide ring main, the following are incorporated in the location identified on the sketch below: 1. 1 x 250mm x150mm Branch Tee 2. 1 x 150mm isolation valve 3. 2 x 250mm Stub Flanges 4. 3 x 150mm stub Flanges 5. 1 x Short tail 150mm 6. 1 x set of Valve chambers and cover For clarity, the pipe sizes noted above are internal and the TLF & Offices connection pipe work has an external diameter of 180mm AFe advised that the works had been done. DH noted that a CE needed to be agreed.	



2561	PMI 285 -	Hub room cooling - Cross ref BMCL-EWN-139	17/04/2014	The Board confirm that in order to support the Energy Targets the cooling loads for the IT Hub rooms should reflect the design as developed rather than the original loads set-out in Vol2/1 Appendix M+E 3 clause 3.15. The installation should therefore provide cooling capacity in accordance with FCU Schedule 05 Mar 14 R5.	
2562	PMI 286 -	Interventional Hybrid Theatres (THE228 & THE232)	17/04/2014	Further to the final selection of equipment supplier and development of final layout for the above rooms please position 150mm diameter cores through the floor slab in each set-out as per NSGH THE-INFx-8000H SK02 attached	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
NONE					

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). **WIP (17/0/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start

work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RC Calderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RC Calderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RC Calderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) **Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014)**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk

to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene’s perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) **DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014)**

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve’s paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) **DP noted that meeting is awaited with Horne (17/04/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was

new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS noted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) **DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014)**

- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMCL and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014). DH acknowledged that a revised set of drawings had appeared on his desk for review. FW was concluding the bedhead issue with BRooney. (27/03/2014) DP noted that it was understood that DH, FW, KH and BR had agreed the technical aspects of the bedheads. DP would prepare a schedule for issuing via RDD. PM advised he would liaise with DH (04/04/2014) DH noted that the revised drawing had been issued. The additional points will be captured on the equipment list. DH to liaise with DP as the schedule is signed-off so there should be no need for a PMI. (10/04/2014) **DP noted that DH and DP had met to discuss and an outline way forward. Once costs are identified will meet with the NHS to discuss. (17/04/2014).**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) It was noted that the costs were awaited (20/03/2014) DH advised that the spec for the RO plant needed to be written into the spec for the decontamination washers. The change control process needed to be concluded. There had been a change to practice since the ERs had been written. BMCL asked to provide the spec asap as tender for the washer/dryers 31<sup>st</sup> May 2014. DP advised that the spec would be provided to DH and PM asap (04/04/2014) **DH to confirm if this is an equipment list item and provide feedback. (10/04/2014) DH noted that this due to a change in practice and have got a budget for (17/04/2014)**


- Other works outwith the redline – GW asked for clarity on the works that are outwith discussions with GCC. DH noted that a clear drawing from WSP required to show work to be carried out by BMCE as part of their works. Concern that BMCE will be asked to carry out works on the opposite side of Hardgate Road and therefore clarity required. DH asked for the drawings so that a review of these by project team can be carried out – GW will progress (13/03/2014) It was noted that BMCL will progress the mark-up identifying the works within and outwith BMCL scope on the basis of the WSP drawing (27/03/2014) GW noted that he had a drawing from WSP and suggested that BMCL and NHS meet once he had initially reviewed the drawing (04/04/2014) GW advised that he now had a drawing and proposed to mark-up the BMCL scope onto the drawing and then liaise with the NHS re any other bits. PM requested that BMCL issue the drawing via Aconex asap. (10/04/2014) **DH advised that he had clarified the way forward with a marked up drawing. Cost information awaited. Noted that the Traffic lights at Hardgate Road are top fed. (17/04/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) **DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014)**
- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for the Board/Solus to supply and fit the TVs. (20/03/2014) DH advised that he would meet with MM and FW to identify the positioning of the TV, Directory notice board, etc. (27/03/2014) DH and advised that the NCH was to be resolved and he would liaise with GBurnett (10/04/2014) **DH advised that he had confirmed positioning to GB and GB is working on the design for that area. AFe advised he would check if pattress is fitted. (17/04/2014)**
- Link bridge break-in – AFe advised that there was to be a meeting held with BAM. AFe queried who would be responsible for the removal of panels as if it is BAM then they need to take over the ownership off/warranty. AFe acknowledged that it is a knock-out panel. PM agreed to consider (04/04/2014) AFe noted that BMCL may not need to take out panel for BAM as their steelwork sits slightly back from the link bridge. (10/04/2014) **AFe noted that a document re logistics to NHS. (17/04/2014)**



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 30/04/2014:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDerment at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	



			<p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p>	<p>holiday but that she would chase this up.</p> <ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul> <p>DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p>	
20082	BMCL-EWN-139	IT Hub Room Cooling	<p>30/10/2013</p> <p>31/10/2013</p> <p>07/11/2013</p> <p>14/11/2013</p> <p>21/11/2013</p>	<p>We confirm the design as currently produced may not meet the ER requirements for IT Hub room cooling under the following clause:</p> <p>Volume 2/1 Appendix M&amp;E 3 3.15 Node ICT server room cooling 3Kw racks – 1Kw per sq m (on N+1 redundancy where n&lt;4)</p> <p>Full description of issue contained in attached documents</p> <p>DP advised that the focus had been on low carbon and minimizing loads. The IT Hub room cooling had not been designed to the above clause. None of the rooms hit 1Kw per m². BMCL had tried to look at the actual loadings for each of the rooms and identify which rooms did and did not achieve the requirements of the clause. For those rooms that do not meet the clause BMCL have been considering options. If the NHS are agreeable to changing the classification of these areas from office environment to back of house environment then the requirements could be met for all but 2 rooms. DH advised that he needed to be provided with an explanation of the issue and options in detail so that he can liaise with the NHS IT reps. DH noted that IT would need to accept the rise in temp from 25 to 27 and agree way forward re passive racks. DH noted that consideration needed to be given to discussing aspects that impact on the 80kg target. DP agreed to meet with DH in preparation for a joint discussion with IT.</p> <p>DP noted that agreement in principle had been achieved and BMCL would run through the numbers with Wallace Whittle prior to providing a formal solution to the NHS for review.</p> <p>DH advised that he had received a headline proposal from DP and reviewed this with IT Reps. 3 of the 4 items had been resolved and a meeting to discuss the remaining issue had been scheduled for w/c 17/11/2013. The remaining item relates to the starting point to measure the 25% resilience from i.e. number of ports on the unit or number of active ports.</p> <p>DP advised that he had met with the NHS and formulated a plan which he would get WWhittle to progress. All the points and heat loads had been scheduled out. DP suggested that the NHS should PMI</p>	

			28/11/2013	the schedule in lieu of the associated ER. DP agreed to provide the schedule to DH. DP noted that he had provided the schedule to DH. Subsequently FCarnie had provided information and DP would meet with FC to review. DL advised that IT have been requested to work with BMCL to resolve any issues however they need to ensure future-proofing is allowed for. DP advised that once the schedule is agreed that the NHS issue the schedule to BMCL via a PMI.	
			12/12/2013	DP advised that WWWhittle were running the calcs. There are a couple that have long runs of pipework and 2 x 18°/15° circuits. It was anticipated that there was only a handful of rooms. DH enquired about power (7.2kw/9kw) and DP advised that BMCL were looking at the simplest way which would be 2 <sup>nd</sup> PDU which would need to be supplied by Capita.	
			19/12/2013	DP advised that he was meeting with Wallace Whittle later that day and would provide info to FCarnie in due course.	
			09/01/2014	Wallace Whittles proposal had been received and DP will arrange a meeting with FCarnie	
			16/01/2014	DP advised that the hub room cooling proposal would be provided to the DH & FC later that day.	
			23/01/2014	DP advised that a proposal had been provided to FCarnie on 22/01/2014. The blue dots indicate the ones the NHS needs to consider more closely. DP proposed to meet with the NHS to discuss as required. DH agreed to review with FCarnie and feedback to DP.	
			30/01/2014	DH advised that he would liaise with FCarnie later that week. DP noted that some of the proposals requires BMCL to go back in and change the cooling, etc. DH agreed to confirm acceptance of the proposals asap.	
			06/02/2014	DH noted that FC and DH had jointly reviewed the BMCL submission and a meeting to discuss/agree the proposal had been scheduled to take place on 7/2/2014	
			13/02/2014	DP noted that the heat loads had changed and BMCL & WW were reviewing the revised data. Anything with a twin chasis is being queried. WW were meeting with BMCL later that day to discuss.	
			20/02/2014	DP advised that he had met with Wallace Whittle and reviewed the final proposal and planned to meet with the NHS Reps w/c 24/02/2014	
			06/03/2014	Information is now with Wallace Whittle for final review	
			13/03/2014	DP reported that Wallace Whittle had information and also with FC for final check. This is anticipated to be returned next week and then this item can be closed	
			20/03/2014	DH advised that there had been a recount of the points and there is an increase in the number of points therefore potential impact on switches (circa 400 extra). DP noted that Schneider had initially provided an inaccurate point count and the recheck identified additional requirements. It had been expected that the initial point count would have included an allowance and that the overall number predicted a while ago was reasonably accurate however it is the locations which have caused the issue. DH suggested that there may be a requirement for additional stackable switches/additional modules. DP reported that the NHS order to Capita is very specific. DH noted that a further check re cooling would need to be undertaken once the work done to confirm the point count had been concluded.	
			27/03/2014	DP noted that the design had been provided by WW. A proper point count was under review to check for any impact – information to be provided to DH later that day.	
			02/04/2014	GW advised that DP had suggested that this is in an ok position.	
			10/04/2014	GW noted that the NHS were to check with FC that he has the same view as DP. PM noted that FC is happy with the BMCL position. DH noted that this would need to be covered by a derogation and a PMI should be issued to confirm way forward.	
			17/04/2014	DH advised confirmation will be provided via PMI including the Rev 05 schedule	
			30/04/2014	Noted that PMI had been issued therefore item could be closed. Cross ref PMI 285	


20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014</p> <p>27/03/2014 03/04/2014</p> <p>10/04/2014 24/04/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p><b>DL noted that DR would discuss with GW asap</b></p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014 27/03/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p><b>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</b></p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	<p>10/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p> <p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p> <p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC</p>	

			<p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p>	<p>were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were</p>	
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				happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
20982	BMCL-EWN-000144	Increased Height of NDC Cart	19/03/2014	<p>Information recently received by BM indicates an overall height increase in the size of the NDC cart from that previously advised. BM have based our minimum door clearance height on a worst case cart height of 1690mm, as advised by K Connelly to BM in her email dated 22nd March 2010, attached and as per the original cart supplied by the Board. There was no information contained in the AGV / Cart compatibility schedule for the NDC cart contained in the FBC Appendix K document, also attached. BM understand that the cart now proposed by the Board for use by NDC is 1725mm which will prove unworkable in all AGV routes as it would give an out-turn height of 2140mm not 2105mm within a designed signed off door strategy opening of 2150mm, therefore not allowing adequate clearance, as per attached door clearance document.</p> <p><i>Text lifted from Notes Section:</i>  AGV cage heights – Heights were noted as being reduced in some areas that the cages are required to enter – BMCL will rectify this matter. Cages used by NDC for deliveries are noted to be higher than originally thought. It was agreed that the lift clearance was the first area to check as this is not changeable. Further review is required to ensure the cages will fit through areas required and KC/DH and DS will further review (06/03/2014). There appears to be some confusion on the carts that could possibly be affected by the door clearance issues. And that these lower tolerances would only be on the NDC carts (1725). DP has asked Swisslog for information on reducing heights and a clear understanding of the areas affected (13/04/2014) Cross reference with EW</p>	
			20/03/2014	<p>GW advised that there was concern that the NDC cart did not work with the BMCL design – doesn't work with the sub-base solution. DP advised that the sub-base had been redesigned and will not be greater than 390mm. DH enquired if there was any option to modify the AGV lift and DP confirmed this was not an option. DH suggested that there were circa 24 doors which were impacted on (AGV needs to pass through). GW advised that NHollowell had been requested to confirm the impact to other doors which the NDC cart needs to be manually put through. It was noted that it was not proposed that circa 700 doors would be changed. It was proposed to discuss with KC and identify potential to make the NDC cart deliveries work at the drop of points. It would be beneficial to get an actual measure of the height of the circa 24 doors. GW advised that he had asked NHollowell to mark-up a drawing and would get the floor plans marked up indicating the heights of the doors so can establish the issue.</p>	
			27/03/2014	<p>DH advised that RS had confirmed that the cart height is 1725 and this is a special NHS cart. RS is organizing a meeting with NDC &amp; KC to discuss the potential of only using the 1680 carts for the new south hospitals. DS suggested that it would be beneficial to get the cart which is actually to be used so it can be trialed.</p>	
			03/04/2014	<p>DS advised that he understood that RS was meeting with NDC w/c 07/04/2014. DR enquired about the 13 basement doors which may need to be changed if the height of the cart goes to 1725mm. GW advised that there were 3 doors in the Labs which may need to be changed however NHollowell had carried out a lot of work reviewing the door impacts and a marked up drawing had been prepared of the impacted doors.</p>	
			10/04/2014	<p>DH noted that there was a meeting later that day with NDC. DS requested that feedback be provided</p>	

		17/04/2014	asap. Item closed. DP confirmed that have 2150mm clear to work within. DS advised that he had a schedule of the doors impacted upon i.e. circa 3 in the labs and 14 in the basement which the AGV goes through. AFe agreed to check the door heights later that day.	
		24/04/2014	Item closed. DH requested that BMCL advise which doors that the cart on the sub-base will not go through. DS advised that the schedule indicates the doors of concern.DS, DH and KC to discuss.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 30/04/2014

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates</p>	

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			<p>19/12/2013 09/01/2014 16/01/2014 23/01/2014</p> <p>27/02/2014 06/03/2014 13/03/2014 20/03/2014</p> <p>27/03/2014 04/04/2014 10/04/2014</p> <p>17/04/2014 24/04/2014</p>	<p>provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>Meeting to be scheduled to review some aspects of the work</p> <p>Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>AK noted that programme review was nearing completion</p> <p>AK was unable to attend and the information will be ready for discussion next week</p> <p>AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p>	



			<p>16/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>23/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>30/01/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>13/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>27/02/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>06/03/2014 Report anticipated shortly</p> <p>20/03/2014 DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>27/03/2014 DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>04/04/2014 DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>10/04/2014 GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>17/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>24/04/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p>	
21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	<p>29/04/2014 Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters;</p> <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul> <p>The Board request the submission of this report prior to the commencement of any remedial works.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 30/04/2014



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap.	
			12/12/2013	DS noted that BMCL had met with Building Control on 10 <sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.	
			19/12/2013	DS confirmed that response still awaited from Building Control	
			09/01/2014	DS reported that a response was anticipated from GCC before 14 <sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.	
			23/01/2014	DS was scheduled to meet with Raymond Barlow.	
			30/01/2014	DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.	
			13/02/2014	DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.	
			20/02/2014	DS advised that he had written to RBarlow on the 13 <sup>th</sup> and 20 <sup>th</sup> Feb specifically on this item and was awaiting a response.	
			27/02/2014	response is anticipated imminently.	
			06/03/2014	DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have	

			<p>13/03/2014 20/03/2014 27/03/2014</p> <p>10/04/2014</p> <p>17/04/2014 24/04/2014</p>	<p>now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.</p> <p>Confirmation required when "view" application will be submitted – DP agreed to progress</p> <p>DP advised that he would liaise with JMurray re date for submission of the 'view'.</p> <p>DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues.</p> <p>DS advised that RBarlow is currently on leave and he would chase up asap. DH noted that Building Control had thought that there was no previous omissions from aseptic. DH had advised Jim Munro that the additional spaces were small and explained the criticality of the spaces. JMunro had advised that he would liaise with Brian Tierney.</p> <p>DS advised that he was scheduled to meet with RBarlow on 23/04/2014</p> <p>DS advised that he had met with RBarlow the previous day and RB had said that he will get the paperwork through to BMCL asap and that he has no issue with the sprinkler omission.</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	<p>29/01/2014</p> <p>20/02/2014</p> <p>27/02/2014 06/03/2014</p> <p>27/03/2014</p> <p>04/04/2014</p> <p>10/04/2014</p>	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p> <p>NSGH Critical Care - 1 indicator panel.</p> <p>NCH Workshop - 2 mimic panels.</p> <p>NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.</p> <p>NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p> <p>DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>DP agreed to pursue with Mercury</p> <p>No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</p> <p>GW suggested that the costs had been provided however he would recheck and reissue asap if required. GW, DH and DP to meet to discuss.</p> <p>GW advised that he had a cost which he was debating with Mercury therefore the cost had not yet been sent to the NHS.</p> <p>GW advised that he had the cost information and needed to discuss 1 query with JBailey and thereafter would provide the information to the NHS asap</p>	

			17/04/2014 24/04/2015	DH agreed to discuss with GW and JB on return from GW's leave. DH advised that he wanted to discuss the panels with GW and there was a meeting later that day. DH did not agree with some of the items i.e. number of panels which was required for the 4 <sup>th</sup> floor. GW advised that he would organize for Jack to attend the meeting.	
2434	PMI 272	ADULT HOSPITAL EMERGENCY DEPT. 10 No. ASSESSMENT BAYS	10/02/2014 13/02/2014 20/02/2014  27/02/2014 06/03/2014  13/03/2014  20/03/2014 27/03/2014 04/04/2014  10/04/2014  17/04/2014 24/04/2014	Proposed alterations to Group 1 fitted furniture in 10 No. generic assessment and treatment bays. Please provide cost to reconfigure furniture as set out in the attached specification. PM advised that he would provide trolley dimensions to GB and DS asap. DS advised that he was awaiting the dimension of the trolley. PM noted that this had been issued the previous week but that he would check how the trolley dimension had been issued. DS agreed to check with GBurnett if he had received the dimension info. Sketches with Board early next week and then costs will follow asap thereafter. DS advised that the initial proposals sketched up by Nightingales did not fully address the brief and that further sketches had been requested – BMCL to chase up Drawing received and returned with comments relating to the trolley size. Revised drawing awaited in order that this can be progressed, DH suggested that the drawing had been issued the previous day and would progress asap. GW advised that PHealth was pursuing the cost information. PM advised that the NHS Had received a drawing on 03/04/2014 which would be reviewed asap. It was noted that BMCL would review the pricing on the basis of the drawing. DS enquired if the drawing was to be put through as formal RDD and this was confirmed. DS advised that he would take the PMI as instructed and will catch the drawing as as-builts and record on the RDD schedule. PM confirmed that updating the drawing as part of the as-builts was satisfactory. PM would email GBurnett to confirm that he was satisfied with the most recent layout provided by BMCL. PM advised that he had received drawings through RDD and will return back by COP that day. GW advised that the information had been uploaded earlier that day. PM noted that the drawings had been returned. GW noted that Paul had confirmed that the costs were based on the Nightingale drawings. PM noted that this would be an equipment list item.	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	07/03/2014          20/03/2014 27/03/2014 04/04/2014	The Board request costs for the proposed enhancements noted below. The Board request costs for the additional resilience of MGPS systems as follows;  1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar. 2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar. 3) Oxygen loop within Adult Hospital tower. 4) Oxygen loop within Children's Hospital (M32 - M38). 5) Vacuum loop within Adult Hospital tower. 6) Vacuum loop within Children's Hospital (M32 - M38).  The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits. DH advised this was WIP DH advised that he was awaiting a breakdown of the costs for each heading. GW noted that Mercury have advised that some of the above is already in their scope of works.	

			10/04/2014	DH advised that the costs had been provided and the review of the information suggests that HPI and Mercury have over-redesigned. A meeting has been scheduled to take place on 14 <sup>th</sup> April with Mercury and HPI to discuss.	
			17/04/2014	DH advised that the meeting on 14 <sup>th</sup> April had been a positive meeting. A VE exercise had been undertaken and report awaited.	
			24/04/2014	DH advised that there were some queries and he would liaise with ISandford. DP suggested that a meeting between HPI and IS was required.	
2511	PMI 279	Children's Hospital L3 - Medicinema Sprinkler Installation	28/03/2014	Please supply and install 100mm isolation valve in sprinkler system supply pipe in Room space GWS-055 as per attached sketch.	
			17/04/2014	DP agreed to progress	
			24/04/2014	It was agreed this item could be closed	
2549	PMI 281 -	CAMPUS MASTERPLAN DRAWING	07/04/2014	Please provide quotation to update campus masterplan drawing, per attached documentation. Provide quotation by noon Friday 11 <sup>th</sup> April 2014 based on attached information.	
			10/04/2014	DS advised he would liaise with Gillespies regarding quote for updating the masterplan drawing. DL suggested that a meeting to go over the masterplan would be beneficial and DS agreed to organize a meeting for w/c 14/04/2014	
			16/04/2014	Additional Notes added 16/04/2014 Please proceed with preparation of the masterplan drawing in line with meeting on 15 <sup>th</sup> April 2014, and attached quotation in amount of £10,713.87 ex VAT. Interim meeting planned for Thursday 8 <sup>th</sup> May 2014, time to be confirmed.	
			24/04/2014	DS suggested that a date/time for the meeting needed to be identified – AHirst to organise. DS enquired if there is any further drawings to be provided to BMCL for updating the masterplan. PM hoped to be able to provide further information later that day.	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9 <sup>th</sup> April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.	
			10/04/2014	Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.	

			17/04/2014 24/04/2014	DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations. PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.	
2556	PMI 284	Provision of Interface on East Rd Fire Main for connection to TLF & Offices	10/04/2014 17/04/2014 24/04/2014	The Board request that to allow future connection of the TLF & Offices fire hydrants to the site wide ring main, the following are incorporated in the location identified on the sketch below: 1. 1 x 250mm x150mm Branch Tee 2. 1 x 150mm isolation valve 3. 2 x 250mm Stub Flanges 4. 3 x 150mm stub Flanges 5. 1 x Short tail 150mm 6. 1 x set of Valve chambers and cover For clarity, the pipe sizes noted above are internal and the TLF & Offices connection pipe work has an external diameter of 180mm AFe advised that the works had been done. DH noted that a CE needed to be agreed. GW advised that he had received a quote from Land Engineering and a quote from mercury was awaited.	
2561	PMI 285 -	Hub room cooling - Cross ref BMCL-EWN-139	17/04/2014 24/04/2014	The Board confirm that in order to support the Energy Targets the cooling loads for the IT Hub rooms should reflect the design as developed rather than the original loads set-out in Vol2/1 Appendix M+E 3 clause 3.15. The installation should therefore provide cooling capacity in accordance with FCU Schedule 05 Mar 14 R5. It was agreed this item should be closed.	
2562	PMI 286 -	Interventional Hybrid Theatres (THE228 & THE232)	17/04/2014 24/04/2014	Further to the final selection of equipment supplier and development of final layout for the above rooms please position 150mm diameter cores through the floor slab in each set-out as per NSGH THE-INFx-8000H SK02 attached It was agreed this item should be closed.	
2564	PMI 287	ADULT HOSPITAL EMERGENCY DEPARTMENT 10 BAYS (PMI 272)	24/04/014	The Board confirm that BMCE should proceed with PMI 272.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
NONE					



# Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/23014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works.



PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water

drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advise had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) **DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014)**

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) **PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014.**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and "head" from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the) storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank

would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the refill point of the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014) **DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014)**


- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMLC and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014). DH acknowledged that a revised set of drawings had appeared on his desk for review. FW was concluding the bedhead issue with BRooney. (27/03/2014) DP noted that it was understood that DH, FW, KH and BR had agreed the technical aspects of the bedheads. DP would prepare a schedule for issuing via RDD. PM advised he would liaise with DH (04/04/2014) DH noted that the revised drawing had been issued. The additional points will be captured on the equipment list. DH to liaise with DP as the schedule is signed-off so there should be no need for a PMI. (10/04/2014) DP noted that DH and DP had met to discuss and an outline way forward. Once costs are identified will meet with the NHS to discuss. (17/04/2014). **DP advised that he had information from Mercury to be internally reviewed before discussion with the NHS (24/04/2014)**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) It was noted that the costs were awaited (20/03/2014) DH advised that the spec for the RO plant needed to be written into the spec for the decontamination washers. The change control process needed to be concluded. There had been a change to practice since the ERs had been written. BMCL asked to provide the spec asap as tender for the washer/dryers 31<sup>st</sup> May 2014. DP advised that the spec would be provided to DH and PM asap (04/04/2014) DH to confirm if this is an equipment list item and provide feedback. (10/04/2014) DH noted that this due to a change in practice and have got a budget for (17/04/2014) **DH advised that a PMI would be provided as the NHS would proceed with. Noted that this is an equipment list item. Renal to change from 160 to 168. (24/04/2014).**
- Other works outwith the redline – GW asked for clarity on the works that are outwith discussions with GCC. DH noted that a clear drawing from WSP required to show work to be carried out by BMCE as part of their works. Concern that BMCE will be asked to carry out works on the opposite side of Hardgate Road and therefore clarity required. DH asked for the drawings so that a review of these by project team can be carried out – GW will progress (13/03/2014) It was noted that BMCL will progress the mark-up identifying the works within and outwith BMCL scope on the basis of the WSP drawing (27/03/2014) GW noted that he had a drawing from WSP and suggested that BMCL and NHS meet once he had initially reviewed the drawing (04/04/2014) GW advised that he now had a drawing and proposed to mark-up the BMCL scope onto the drawing and then liaise with the NHS re any other bits. PM requested that BMCL issue the drawing via Aconex asap. (10/04/2014) DH advised that he had clarified the way forward

with a marked up drawing. Cost information awaited. Noted that the Traffic lights at Hardgate Road are top fed. (17/04/2014) DH advised that he had provided a clarification sketch to confirm the areas to GW. GW noted that he had asked Mercury to provide cost for lighting and would obtain a cost for the resurfacing works. (24/04/2014)

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014)
- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for the Board/Solus to supply and fit the TVs. (20/03/2014) DH advised that he would meet with MM and FW to identify the positioning of the TV, Directory notice board, etc. (27/03/2014) DH and advised that the NCH was to be resolved and he would liaise with GBurnett (10/04/2014) DH advised that he had confirmed positioning to GB and GB is working on the design for that area. AFe advised he would check if pattress is fitted for the NSCH Bus Information screens.. (17/04/2014)
- Link bridge break-in – AFe advised that there was to be a meeting held with BAM. AFe queried who would be responsible for the removal of panels as if it is BAM then they need to take over the ownership off/warranty. AFe acknowledged that it is a knock-out panel. PM agreed to consider (04/04/2014) AFe noted that BMCL may not need to take out panel for BAM as their steelwork sits slightly back from the link bridge. (10/04/2014) AFe noted that a document re logistics to NHS re works to be done re traffic management for cladding to the link bridge works. (17/04/2014)
- The traffic lights reps at GCC have suggested that the traffic arrangements are not appropriate. A set of notes is awaited to identify what has been previously been discussed which AFe will obtain the notes. DS stressed that BMCL feel that the changes need to be resisted. (17/04/2014) DS noted that there is a meeting organized to discuss w/c 28/04/2014 (24/04/2014)
- DS advised that GCC are asking for changes to other junctions and BMCL would raise an EW regarding this. (24/04/2014)
- DH advised that Multi-tone appear to be waiting on an instruction from Mercury. DP advised that costs are being and negotiated. DH suggested that the Project Team should discuss this with KMacSweeney. (24/04/2014)
- Curtain track measurements – DH advised that the NHS needed to know the curtain track measurements so that the NHS can raise an order for curtains. GW advised that he had asked Nightingale to provide this information however they were not keen to carry out this work. Paul is investigating how to identify the curtain track lengths. PM noted that a discussion was required. (24/04/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 14/05/2014:

<div style="float: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	



			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDermont at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	

			<p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>08/05/2014</p>	<p>holiday but that she would chase this up.</p> <ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul> <p>DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p>	



20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the	

			<p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>30/04/2014</p> <p>08/05/2014</p>	<p>NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystallises the information which BMCL can progress on. DS would find out what the consultant expenses were to date.and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p> <p>Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.</p> <p><b>** Cross reference with PMI **</b></p>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	<p>07/05/2014</p> <p>08/05/2014</p>	<p>Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard</p> <p><b>DS noted that he had written to GCC and BMCL were proceeding on the basis of signed-off drawings</b></p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2012</p> <p>07/11/2013</p> <p>21/11/2013</p> <p>12/12/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	

			09/01/2014 16/01/2014 23/01/2014	Meeting to be scheduled to review some aspects of the work Noted that AK and PM were meeting later that day to discuss BMCL queries. Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.	
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting	
			06/03/2014	AK noted that programme review was nearing completion	
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week	
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.	
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.	
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.	
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.	
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.	
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.	
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.	

20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.
			16/01/2014	An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.
			23/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.
			30/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.
			13/02/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.
			27/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.
			06/03/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days.
			20/03/2014	Report anticipated shortly
			27/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.
			04/04/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.
			10/04/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.
			17/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.
			24/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.
			08/05/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.


DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.

DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.

21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	29/04/2014	<p>Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters;</p> <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul>	
			01/05/2014.	<p>The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoitec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.</p>	
			08/05/2014	<p>PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.</p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 14/05/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	<p>The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room</p>	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything untoward about the Building Control submission.	
			14/11/2013	Response awaited from Building Control	
			21/11/2013	Noted that Jim Murray had been asked to chase up a response from BControl.	
			28/11/2013	DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl	

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			<p>12/12/2013</p> <p>19/12/2013</p> <p>09/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>08/05/2014</p>	<p>providing a response. Request for response from BControl has been escalated and response requested asap.</p> <p>DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded.</p> <p>DS confirmed that response still awaited from Building Control</p> <p>DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised.</p> <p>DS was scheduled to meet with Raymond Barlow.</p> <p>DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval.</p> <p>DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon.</p> <p>DS advised that he had written to RBarlow on the 13<sup>th</sup> and 20<sup>th</sup> Feb specifically on this item and was awaiting a response.</p> <p>response is anticipated imminently.</p> <p>DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this.</p> <p>Confirmation required when "view" application will be submitted – DP agreed to progress</p> <p>DP advised that he would liaise with JMurray re date for submission of the 'view'.</p> <p>DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues.</p> <p>DS advised that RBarlow is currently on leave and he would chase up asap. DH noted that Building Control had thought that there was no previous omissions from aseptic. DH had advised Jim Munro that the additional spaces were small and explained the criticality of the spaces. JMunro had advised that he would liaise with Brian Tierney.</p> <p>DS advised that he was scheduled to meet with RBarlow on 23/04/2014</p> <p>DS advised that he had met with RBarlow the previous day and RB had said that he will get the paperwork through to BMCL asap and that he has no issue with the sprinkler omission.</p> <p>DS advised that RBarlow was meeting with BTierney on 29/04/2014 to progress movement on the other items.</p> <p>DH advised that it had been confirmed by JMunro at the recent Building Control meeting that all views are satisfactory – no issues – paperwork only to be progressed.</p>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	<p>Clarification of Requirements for Renal Installation</p> <p>Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.</p> <p>Panel locations:</p> <p>NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.</p> <p>NSGH OPD Nurses Base - 2 mimic panels.</p> <p>NSGH Critical Care - 1 indicator panel.</p> <p>NCH Workshop - 2 mimic panels.</p> <p>NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator</p>	



			<p>panels in touchdown base GW1-011.</p> <p>NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p> <p>20/02/2014 DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>27/02/2014 DP agreed to pursue with Mercury</p> <p>06/03/2014 No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</p> <p>27/03/2014 GW suggested that the costs had been provided however he would recheck and reissue asap if required. GW, DH and DP to meet to discuss.</p> <p>04/04/2014 GW advised that he had a cost which he was debating with Mercury therefore the cost had not yet been sent to the NHS.</p> <p>10/04/2014 GW advised that he had the cost information and needed to discuss 1 query with JBailey and thereafter would provide the information to the NHS asap</p> <p>17/04/2014 DH agreed to discuss with GW and JB on return from GW's leave.</p> <p>24/04/2015 DH advised that he wanted to discuss the panels with GW and there was a meeting later that day. DH did not agree with some of the items i.e. number of panels which was required for the 4<sup>th</sup> floor. GW advised that he would organize for Jack to attend the meeting.</p> <p>01/05/2014 DP advised that a meeting for later that day was being arranged.</p> <p>08/05/2014 <b>DH noted that feedback is awaited on the basis of the recent discussions with Mercury. This matter would be concluded soon.</b></p>	
2477	PMI 276	ADULT & CHILDREN'S HOSPITALS - MEDICAL GAS PIPELINE SYSTEM	<p>07/03/2014 The Board request costs for the proposed enhancements noted below.</p> <p>The Board request costs for the additional resilience of MGPS systems as follows;</p> <ol style="list-style-type: none"> <li>1) External manifold room; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>2) Children's Hospital to Adult's Hospital; a) Medical air 4 bar; b) Surgical air 7 bar.</li> <li>3) Oxygen loop within Adult Hospital tower.</li> <li>4) Oxygen loop within Children's Hospital (M32 - M38).</li> <li>5) Vacuum loop within Adult Hospital tower.</li> <li>6) Vacuum loop within Children's Hospital (M32 - M38).</li> </ol> <p>The technical issues relating to these enhancements have been discussed and the MGPS Progress Meetings and costs are required to allow assessment of benefits.</p> <p>20/03/2014 DH advised this was WIP</p> <p>27/03/2014 DH advised that he was awaiting a breakdown of the costs for each heading.</p> <p>04/04/2014 GW noted that Mercury have advised that some of the above is already in their scope of works.</p>	

			10/04/2014	DH advised that the costs had been provided and the review of the information suggests that HPI and Mercury have over-redesigned. A meeting has been scheduled to take place on 14 <sup>th</sup> April with Mercury and HPI to discuss.	
			17/04/2014	DH advised that the meeting on 14 <sup>th</sup> April had been a positive meeting. A VE exercise had been undertaken and report awaited.	
			24/04/2014	DH advised that there were some queries and he would liaise with ISandford. DP suggested that a meeting between HPI and IS was required.	
			01/05/2014	DH advised that ISandford is on site 01/05/2014 so would be able to conclude discussions and would provide a PMI later that day to confirm the way forward re pipes going across the level 4 link bridge.	
			08/05/2014	It was agreed this item could be closed. Cross reference PMI 288	
2549	PMI 281 -	CAMPUS MASTERPLAN DRAWING	07/04/2014	Please provide quotation to update campus masterplan drawing, per attached documentation. Provide quotation by noon Friday 11 <sup>th</sup> April 2014 based on attached information.	
			10/04/2014	DS advised he would liaise with Gillespies regarding quote for updating the masterplan drawing. DL suggested that a meeting to go over the masterplan would be beneficial and DS agreed to organize a meeting for w/c 14/04/2014	
			16/04/2014	Additional Notes added 16/04/2014 Please proceed with preparation of the masterplan drawing in line with meeting on 15 <sup>th</sup> April 2014, and attached quotation in amount of £10,713.87 ex VAT. Interim meeting planned for Thursday 8 <sup>th</sup> May 2014, time to be confirmed.	
			24/04/2014	DS suggested that a date/time for the meeting needed to be identified – AHirst to organise. DS enquired if there is any further drawings to be provided to BMCL for updating the masterplan. PM hoped to be able to provide further information later that day.	
			01/05/2014	PM noted that there is a meeting scheduled to take place on 8 <sup>th</sup> May to discuss/progress. It was agreed this item could be closed and CE to be issued in due course.	
			08/05/2014	It was agreed this item could be closed. Cross reference CE 055	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9 <sup>th</sup> April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.	
			10/04/2014	Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and	

			17/04/2014  24/04/2014          01/05/2014  08/05/2014	<p>camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p> <p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p> <p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p> <p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.</p> <p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p>	
2569	PMI 288	MGPS Resilience	06/05/2014          08/05/2014	<p>In order to enhance the currently compliant MGPS design to provide a greater level of resilience and flexibility, for future adaption and maintenance, the Board wish to proceed with the following works as part of the group 1 equipment installation:</p> <ol style="list-style-type: none"> <li>1. To link the Oxygen &amp; Vacuum lines across the link bridge at level 4 and to link the Oxygen line across the link bridge at level 11 in accordance with the scope of works outlined on the variation cost proposal dated 2<sup>nd</sup> May 2014.</li> <li>2. To link the respective MA4 and MA7 plants in Adult's and Children's hospitals at level 2 in accordance with the scope of works outlined on the variation cost proposal dated 2<sup>nd</sup> May 2014.</li> </ol> <p>The agreed cost variation will be reflected in the Group 1 equipment list. It was agreed this item could be closed as is an Equipment list item</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent</p>	

				areas in both locations.	
2583	PMI 290	RO Water Installation	08/05/2014	<p>The Board request that the Endoscopy Washer RO water installation is modified to provide thermal disinfection capability to align with recent best practice guidance. This option was included within the specification and is to be taken up.</p> <p>The cost implications are to be reflected within the enabling works items on the Group 1 equipment list.</p>	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014	The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
12103	CE 055	CAMPUS MASTERPLAN DRAWING – PMI 281	06/05/2014  08/05/2014	<p>The Board confirm acceptance of PMI 281 to update the Campus Masterplan drawing.</p> <p>Cost agreed - £10,718.87 inclusive of OH&amp;P, exclusive of VAT</p> <p>Meeting to discuss later that day.</p>	

# Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works.

PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) **PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014)**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to



SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application "duly made" and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advise had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) **DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014)**

- Pseudonomas in taps. DH noted that there had been a CEL issues relating to Pseudonomas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) **DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps



however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS noted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) **DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014)**


- Gas points in anaesthetic rooms – PM noted that during inspections of theatres area it had been observed that there is only 1 set of gas points in the anaesthetic rooms and 2 sets of pints are needed. The room data sheets advise that there should be 2 sets of points. DP noted that the 1<sup>st</sup> medigas design had been based on the 1<sup>st</sup> RDS – he had carried out a check of one room and the design of that room hadn't been changed. DP noted that the NHS have taken out dual circuitry. DP reported that it had been agreed that the medigas drawings should take precedent. (13/02/2014) DP advised that there is single circuitry and FW has been asked to confirm back if dual circuitry is needed/additional gas points. The SHTM only asks for single circuitry. BMCL propose doing nothing at this time. FW has advised that there is a need for an additional 3 outlets and will obtain feedback from the users re dual circuitry. DP advised that there were 2 issues a) twin outlets and b) dual circuits. (20/2/14). 27/02/2014 SHTM requirements checked and query raised with Authorising Engineer (Medical Gas), both confirm that dual circuits are not required. Review undertaken by Board and BMCL and mercury and 3 additional outlets are required and it will be potentially be possible to add on rather than add a further length below. No PMI required as the change was the original requirement as signed off. DH noted that a meeting is set for later this morning to conclude and DH will feedback (06/03/2014). DH has reviewed drawings shown extensions and is now awaiting Mercury confirming number of locations that extension piece cannot be added. It was noted that interpretation of drawings and information had thought to be the cause of the issues (13/04/2014) DP advised that this matter was on the schedule for discussion later that day. DP noted that a PMI to progress the NHS requirements will be needed and suggested that thereafter the commercial implications could be agreed (20/03/2014). DH acknowledged that a revised set of drawings had appeared on his desk for review. FW was concluding the bedhead issue with BRooney. (27/03/2014) DP noted that it was understood that DH, FW, KH and BR had agreed the technical aspects of the bedheads. DP would prepare a schedule for issuing via RDD. PM advised he would liaise with DH (04/04/2014) DH noted that the revised drawing had been issued. The additional points will be captured on the equipment list. DH to liaise with DP as the schedule is signed-off so there should be no need for a PMI. (10/04/2014) DP noted that DH and DP had met to discuss and an outline way forward. Once costs are identified will meet with the NHS to discuss. (17/04/2014). DP advised that he had information from Mercury to be internally reviewed before discussion with the NHS (24/04/2014) **DP advised he had met with Mercury to resolve. Theatres – single trunking to be extended, Interventional – to be double banked. (08/05/2014)**
- DH noted decontamination RO water change to practice has come to light. And there will be implications to the project. DP noted that it may be possible to retro fit and he will check the scale of works and the potential costs to the project (06+/03/2014). WIP – cost issue – now sitting with DP to conclude (13/04/2014) It was noted that the costs were awaited (20/03/2014) DH advised that the spec for the RO plant needed to be written into the spec for the decontamination washers. The change control process needed to be concluded. There had been a change to practice since the ERs had been written. BMCL asked to provide the spec asap as tender for the washer/dryers 31<sup>st</sup> May 2014. DP advised that the spec would be provided to DH and PM asap (04/04/2014) DH to confirm if this is an equipment list item and provide feedback.

(10/04/2014) DH noted that this due to a change in practice and have got a budget for (17/04/2014) DH advised that a PMI would be provided as the NHS would proceed with. Noted that this is an equipment list item. Renal to change from 160 to 168. (24/04/2014). **DH advised that a PMI had been drafted for issue later that day (08/05/2014)**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) **DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014)**
- PMI 268 - GW noted that he had provided costs and needs confirmation that the costs are acceptable. DH noted that the number had been agreed at that James was to update the equipment list. AF queried the size of the TV as he has concern re the fitting of the TV and BMCL wanted to capture the install of any pattress/support/hangers that could be installed at this time. DH advised that it is for the Board/Solus to supply and fit the TVs. (20/03/2014) DH advised that he would meet with MM and FW to identify the positioning of the TV, Directory notice board, etc. (27/03/2014) DH and advised that the NCH was to be resolved and he would liaise with GBurnett (10/04/2014) DH advised that he had confirmed positioning to GB and GB is working on the design for that area. AFe advised he would check if pattress is fitted for the NCH Bus Information screens.. (17/04/2014) **PM noted that the NHS would deal with the fitting post completion (08/05/2014)**
- Link bridge break-in – AFe advised that there was to be a meeting held with BAM. AFe queried who would be responsible for the removal of panels as if it is BAM then they need to take over the ownership off/warranty. AFe acknowledged that it is a knock-out panel. PM agreed to consider (04/04/2014) AFe noted that BMCL may not need to take out panel for BAM as their steelwork sits slightly back from the link bridge. (10/04/2014) AFe noted that a document re logistics to NHS re works to be done re traffic management for cladding to the link bridge works. (17/04/2014) AFe advised that there were no issues to date (08/05/2014)
- DH advised that Multi-tone appear to be waiting on an instruction from Mercury. DP advised that costs are being and negotiated. DH suggested that the Project Team should discuss this with KMcSweeney. (24/04/2014) **DP advised that he had a report for review and Multi-tone will be contracted with at an appropriate time. (08/05/2014)**
- Curtain track measurements – DH advised that the NHS needed to know the curtain track measurements so that the NHS can raise an order for curtains. GW advised that he had asked Nightingale to provide this information however they were not keen to carry out this work. Paul is investigating how to identify the curtain track lengths. PM noted that a discussion was required. (24/04/2014) **PM noted that this item could be closed as is a Board issue. DH agreed to provide an extract from the equipment list for the rooms with curtain tracks. (08/05/2014)**
- DS noted that there were samples to be signed off and PM agreed to progress this (08/05/2014)
- DP noted that there was a plan being put into place for HV testing – currently forecasted to be between 4-8<sup>th</sup> June. BMCL would need to get dilapidation surveys. DP would liaise with IP and ASm. Need to discuss ownership of the meter at Hardgate Road. DP would issue an email to organize the meeting (08/05/2014)
- RCC/Fastlink – DH noted that there is a conflict between the drawings (08/05/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 21/05/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p>	

			08/01/14	<p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that there were very few returned drawings outstanding from the NHS.</p> <p>DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18<sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23<sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI</p>	
			16/01/2014	<p>DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.</p>	
			23/01/2014	<p>DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.</p>	
			06/02/2014	<p>DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.</p>	
			13/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			20/02/2014	<p>It was noted that there was no drawings currently overdue</p>	
			26/02/2014	<p>Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3<sup>rd</sup> March 2014</p>	
			06/03/2014	<p>Timber cladding will be returned by Hugh McDermott at the end of the week</p> <p>Lead Lining information awaited for revision and return, Aseptic information awaited for review and return</p> <p>FW and DH meeting Ken Hall &amp; Brendan Rooney later today to finalise the bedhead information</p>	
			13/03/2014	<p>DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up</p>	
			20/03/2014	<p>DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.</p>	
			27/03/2014	<p>DH provided the following update:</p> <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on</li> </ul>	

			<p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>08/05/2014</p> <p>15/05/2014</p>	<p>holiday but that she would chase this up.</p> <ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul> <p>DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p>	

20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he	



			03/04/2014	<p>would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then they are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p>	
			10/04/2014	DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystallises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.	
			17/04/2014	DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.	
			24/04/2014	DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
			30/04/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.	
			08/05/2014	<b>** Cross reference with PMI **</b>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014	Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard	
			08/05/2014	<b>DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings</b>	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2012</p> <p>07/11/2013</p> <p>21/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	


			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc

20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.	
			16/01/2014	An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.	
			23/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			30/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			13/02/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
				DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.	
			27/02/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days.	
			06/03/2014	Report anticipated shortly	
				DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	

21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	29/04/2014	Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters; <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul>	
			01/05/2014.	The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoiltec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.	
			08/05/2014	PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.	
			15/05/2014	180 bolt fixings in total to be remediated. 35 nylon points been replaced to date.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 21/05/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2225	PMI 247	A&C Hospitals - Aseptic Suite - Sprinkler Omission	16/09/2013	The Board confirm that the rooms within the Aseptic suite where sprinklers have to be omitted are as below: ASU-002 Changing room ASU-003 Changing room ASU-004 Support room ASU-005 Isolators room ASU-006 Changing room ASU-007 Changing room ASU-014 Changing room ASU-015 Lobby ASU-016 Changing room ASU-017 Changing room ASU-018 Changing room ASU-019 Laminar flow room type II ASU-020 Lobby ASU-022 Laminar flow room ASU-023 Support room ASU-024 Support room ASU-025 Changing room ASU-026 Changing room ASU-027 Changing room ASU-028 Changing room ASU-029 Lobby ASU-030 Lobby ASU-031 Laminar flow room type II ASU-032 Laminar flow room	
			19/09/2013	DS advised that BMCL were reviewing the building regs application as will need to submit an amendment.	
			03/10/2013	PM noted this was WIP.	
			10/10/2013	DS advised that confirmation was awaited from Building Control re the sprinkler omission.	
			24/10/2013	Building Control information is awaited	
			07/11/2013	DS advised this was WIP – response awaited from Building Control. BMCL had not heard anything	

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			<div>14/11/2013 21/11/2013 28/11/2013  12/12/2013 19/12/2013 09/01/2014  23/01/2014 30/01/2014  13/02/2014 20/02/2014 27/02/2014 06/03/2014  13/03/2014 20/03/2014 27/03/2014  10/04/2014  17/04/2014 24/04/2014  01/05/2014  08/05/2014  15/05/2014</div>	<div>untoward about the Building Control submission. Response awaited from Building Control Noted that Jim Murray had been asked to chase up a response from BControl. DS advised that he had met with RBarlow on 27/11 who had apologies about the delay in BControl providing a response. Request for response from BControl has been escalated and response requested asap. DS noted that BMCL had met with Building Control on 10<sup>th</sup> Dec 2013 who intimated that everything was okay however the paperwork needed for the amendment was to be concluded. DS confirmed that response still awaited from Building Control DS reported that a response was anticipated from GCC before 14<sup>th</sup> March. DS agreed to follow up. No impact to BMCL programme whilst awaiting information as long as Building Control do not change what they have previously advised. DS was scheduled to meet with Raymond Barlow. DP advised that DS had met with Raymond Barlow and asked him to escalate the amendment approval. DS advised that approval is still awaited and he would raise this again with RBarlow if not received soon. DS advised that he had written to RBarlow on the 13<sup>th</sup> and 20<sup>th</sup> Feb specifically on this item and was awaiting a response. response is anticipated imminently. DS noted a change in GCC Building Control stance in relation to this matter. Previously the omission of sprinklers in this area had been treated as a simple amendment, however, they have now requested that the further revision be submitted formally for a "view". This requires an application to be made and BMCE are progressing this. Confirmation required when "view" application will be submitted – DP agreed to progress DP advised that he would liaise with JMurray re date for submission of the 'view'. DS advised that he was pursuing RBarlow for a response and he would contact RBarlow again. DS advised that he had not been advised of any issues. DS advised that RBarlow is currently on leave and he would chase up asap. DH noted that Building Control had thought that there was no previous omissions from aseptic. DH had advised Jim Munro that the additional spaces were small and explained the criticality of the spaces. JMunro had advised that he would liaise with Brian Tierney. DS advised that he was scheduled to meet with RBarlow on 23/04/2014 DS advised that he had met with RBarlow the previous day and RB had said that he will get the paperwork through to BMCL asap and that he has no issue with the sprinkler omission. DS advised that RBarlow was meeting with BTierney on 29/04/2014 to progress movement on the other items. DH advised that it had been confirmed by JMunro at the recent Building Control meeting that all views are satisfactory – no issues – paperwork only to be progressed. Item closed. Letter awaited. Any issues will be raised as a separate item</div>	
2411	PMI 265	Adult & Children's Hospital - Renal Installation	29/01/2014	Clarification of Requirements for Renal Installation Confirmation of Board's final response returned as RDD 12.12.2013, in respect of alarm panels.	

			<p>Panel locations:  NSGH OPD Workshop - mimic panels to cover all SGH areas and repeat from NCH.  NSGH OPD Nurses Base - 2 mimic panels.  NSGH Critical Care - 1 indicator panel.  NCH Workshop - 2 mimic panels.  NCH Ward Areas - 1 mimic panel and 1 indicator panel in main nurse base of GW1 and 2 indicator panels in touchdown base GW1-011.  NSGH Wards 4th Floor - 1 mimic panel and 1 indicator panel at each ward (4 No) main nurse base and these are RENW300, RENW247, RENW239 and RENW232. Sketches attached show locations.</p> <p>Panel references: Board users have stated preference for panel installation to be similar to that installed at Western Infirmary; given the distance from the plant rooms, the override switches must be on the mimic panels and not located outside plant rooms.</p> <p>20/02/2014 DP advised that he thought there was a few extra panels but as yet Mercury hadn't raised any issue. GW advised that Mercury had suggested that they proposed to do a check. DH advised that the mimic panels are part of the controls and infrastructure. DP advised that he had asked Mercury to confirm that their scheme is adequate but they have been unable to do this. It was noted that the issue was only for 4 mimic panels.</p> <p>27/02/2014 DP agreed to pursue with Mercury</p> <p>06/03/2014 No costs have been submitted by Mercury and it is therefore assumed that this issue can be closed. DP to confirm not later than next meeting.</p> <p>27/03/2014 GW suggested that the costs had been provided however he would recheck and reissue asap if required. GW, DH and DP to meet to discuss.</p> <p>04/04/2014 GW advised that he had a cost which he was debating with Mercury therefore the cost had not yet been sent to the NHS.</p> <p>10/04/2014 GW advised that he had the cost information and needed to discuss 1 query with JBailey and thereafter would provide the information to the NHS asap</p> <p>17/04/2014 DH agreed to discuss with GW and JB on return from GW's leave.</p> <p>24/04/2014 DH advised that he wanted to discuss the panels with GW and there was a meeting later that day. DH did not agree with some of the items i.e. number of panels which was required for the 4<sup>th</sup> floor. GW advised that he would organize for Jack to attend the meeting.</p> <p>01/05/2014 DP advised that a meeting for later that day was being arranged.</p> <p>08/05/2014 DH noted that feedback is awaited on the basis of the recent discussions with Mercury. This matter would be concluded soon.</p> <p>15/05/2014 <b>GW advised that he had told Jamie to liaise with mercury and as far as he is concerned this had been done.</b></p>	
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	<p>09/04/2014 This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p> <p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances,</p>	



			<p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>08/05/2014</p> <p>15/05/2014</p>	<p>patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p> <p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p> <p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p> <p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.</p> <p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p> <p>DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27<sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation.</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and</p>	



			15/05/2014	recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations. GW noted this is WIP	
2583	PMI 290	RO Water Installation	08/05/2014  15/05/2014	The Board request that the Endoscopy Washer RO water installation is modified to provide thermal disinfection capability to align with recent best practice guidance. This option was included within the specification and is to be taken up.  The cost implications are to be reflected within the enabling works items on the Group 1 equipment list. DH noted that he needed the revised spec urgently as will be holding up the tender documentation. Needed by tomorrow.	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014  15/05/2014	The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064. DP agreed to investigate and DH agreed to have a look at the bedhead.	
2616	PMI 292	LIG 053 (GENW24-001 & GENW24 - 004)	19/05/2014	The Board confirm, as discussed at an M&E review workshop on 16th May 2014, that the LIG053 are not required in: GENW24 - 001 GENW24 - 004  This accords with the LIG schedule as agreed, but needs to be reflected in both the as built layouts and group 1 equipment list.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
12103	CE 055	CAMPUS MASTERPLAN DRAWING – PMI 281	06/05/2014  08/05/2014	The Board confirm acceptance of PMI 281 to update the Campus Masterplan drawing.  Cost agreed - £10,718.87 inclusive of OH&P, exclusive of VAT Meeting to discuss later that day.	

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). **WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments.(13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works.

PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward

with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene’s perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) **DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c19/05/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014)**



- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPS an HFS and there is a couple of queries re Steve’s paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) **DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014)**



- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS noted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014) **DS noted that RN will review the Nightingale drawings in advance of issue to the NHS (15/05/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) **DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014)**
- DP noted that there was a plan being put into place for HV testing – currently forecasted to be between 4-8<sup>th</sup> June. BMCL would need to get dilapidation surveys. DP would liaise with IP and ASm. Need to discuss ownership of the meter at Hardgate Road. DP would issue an email to organize the meeting (08/05/2014) **Meeting organized to discuss. BMCL are getting into a position to take the a-side back 4-8<sup>th</sup> June 2014. Will need paperwork from a commissioning perspective. DR suggested that BMCL could operate under a permit to work (15/05/2014)**
- RCC/Fastlink (parking bays at the front of the houses on Govan Road – DH noted that there is a conflict between the drawings (08/05/2014) DH advised that approval through RCC to remove bays. Works to be progressed as approved RCC. Agreed item could be closed. (15/05/2014)**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 28/05/2014:

<div style="text-align: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<p>05/04/2012</p> <p>07/11/2013</p> <p>17/11/2013</p> <p>21/11/2013</p> <p>28/11/2013</p> <p>12/12/2013</p> <p>19/12/2013</p>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p> <p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that</p>	

			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDerment at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>



			<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			<p>03/04/2014 DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>10/04/2014 DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>17/04/2014 DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>24/04/2014 DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>01/05/2014 DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>08/05/2014 DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>15/05/2014 DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p> <p>22/05/2014 DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>20/03/2014 GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>27/03/2014 DR advised that he would conclude the information for provision to DL.</p> <p>03/04/2014 DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>10/04/2014 Noted that DR was to meet with DL.</p> <p>24/04/2014 DL noted that DR would discuss with GW asap</p> <p>01/05/2014 Ongoing</p>	


20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH	

			03/04/2014	<p>noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then they are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p>	
			10/04/2014	DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystallises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.	
			17/04/2014	DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.	
			24/04/2014	DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
			30/04/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.	
			08/05/2014	<b>** Cross reference with PMI 283**</b>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014	Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard	
			08/05/2014	DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings	

22/05/2014

Meeting scheduled for Tuesday 27/05 to finalise arrival square

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 28/05/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them.</p>	

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			<p>19/12/2013 PM reported that there is a requirement for a full listed building demolition consent application and a SHED test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>09/01/2014 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>16/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>23/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposed. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p>	
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			15/05/2014 22/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc <b>Walkabout scheduled or 27<sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available</b>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014 23/01/2014  30/01/2014 13/02/2014  27/02/2014 06/03/2014  20/03/2014 27/03/2014  04/04/2014 10/04/2014 17/04/2014 24/04/2014  08/05/2014 15/05/2014 22/05/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>DP advised that he was continuing to pursue the formal report.</p> <p><b>DP to progress</b></p>	

21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	29/04/2014	<p>Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters;</p> <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul>	
			01/05/2014.	<p>The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoiltec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.</p>	
			08/05/2014	<p>PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.</p>	
			15/05/2014 22/05/2014	<p>180 bolt fixings in total to be remediated. 35 nylon points been replaced to date.</p> <p>On-going – work being carried out during night shift – 7-8 weeks to completion. GW noted that insurance claim progressed, approved and costs agreed</p>	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 28/05/2014



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p>	
			10/04/2014	<p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p>	
			17/04/2014	<p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p>	
			24/04/2014	<p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p>	
			01/05/2014	<p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.</p>	
			08/05/2014	<p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p>	

			15/05/2014	<p>DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27<sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation.</p> <p>DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	<p>08/05/2014</p> <p>15/05/2014 22/05/2014</p>	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections of roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 52 remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p>	
2583	PMI 290	RO Water Installation	<p>08/05/2014</p> <p>15/05/2014 22/05/2014</p>	<p>The Board request that the Endoscopy Washer RO water installation is modified to provide thermal disinfection capability to align with recent best practice guidance. This option was included within the specification and is to be taken up.</p> <p>The cost implications are to be reflected within the enabling works items on the Group 1 equipment list.</p> <p>DH noted that he needed the revised spec urgently as will be holding up the tender documentation. Needed by tomorrow.</p> <p>Required as a priority – DP to progress</p>	
2595	PMI 291	NCH Radiology - MRI Patient Prep	<p>12/05/2014</p> <p>15/05/2014 22/05/2014</p>	<p>The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.</p> <p>DP agreed to investigate and DH agreed to have a look at the bedhead.</p>	

2616	PMI 292	LIG 053 (GENW24-001 & GENW24 - 004)	19/05/2014	<p>The Board confirm, as discussed at an M&amp;E review workshop on 16th May 2014, that the LIG053 are not required in: GENW24 - 001 GENW24 - 004</p> <p>This accords with the LIG schedule as agreed, but needs to be reflected in both the as built layouts and group 1 equipment list.</p>	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
12103	CE 055	CAMPUS MASTERPLAN DRAWING – PMI 281	06/05/2014  08/05/2014	<p>The Board confirm acceptance of PMI 281 to update the Campus Masterplan drawing.</p> <p>Cost agreed - £10,718.87 inclusive of OH&amp;P, exclusive of VAT Meeting to discuss later that day.</p>	28.08.2014

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014)
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the

bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014)

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the

retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may be an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft

document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c 19/05/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014)

- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014)
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing.(20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal

discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014) DS noted that RN will review the Nightingale drawings in advance of issue to the NHS (15/05/2014)

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014)
- DP noted that there was a plan being put into place for HV testing – currently forecasted to be between 4-8<sup>th</sup> June. BMCL would need to get dilapidation surveys. DP would liaise with IP and ASm. Need to discuss ownership of the meter at Hardgate Road. DP would issue an email to organize the meeting (08/05/2014) Meeting organized to discuss. BMCL are getting into a position to take the a-side back 4-8<sup>th</sup> June 2014. Will need paperwork from a commissioning perspective. DR suggested that BMCL could operate under a permit to work (15/05/2014)
- RCC/Fastlink (parking bays at the front of the houses on Govan Road – DH noted that there is a conflict between the drawings (08/05/2014) DH advised that approval through RCC to remove bays. Works to be progressed as approved RCC. Agreed item could be closed. (15/05/2014)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 04/06/2014:

						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol>			
			21/11/2013	PM advised that: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

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			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI	
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.	
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.	
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.	
			13/02/2014	It was noted that there was no drawings currently overdue	
			20/02/2014	It was noted that there was no drawings currently overdue	
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014	
			06/03/2014	Timber cladding will be returned by Hugh McDermont at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information	
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up	
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.	
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>	


			<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			<p>03/04/2014 DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>10/04/2014 DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>17/04/2014 DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>24/04/2014 DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>01/05/2014 DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>08/05/2014 DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>15/05/2014 DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p> <p>22/05/2014 DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process</p> <p>29/05/2014 DS noted that there was 52 items overdue – mainly M&amp;E – nothing that is causing grief. It was noted that FW is reviewing the bedheads however it was thought that these were being issued for info only as per previous discussions.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>20/03/2014 GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>27/03/2014 DR advised that he would conclude the information for provision to DL.</p> <p>03/04/2014 DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>10/04/2014 Noted that DR was to meet with DL.</p>	

			24/04/2014 01/05/2014	DL noted that DR would discuss with GW asap Ongoing	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH	

			03/04/2014	<p>noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then they are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p>	
			10/04/2014	DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystallises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.	
			17/04/2014	DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.	
			24/04/2014	DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
			30/04/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.	
			08/05/2014	<b>** Cross reference with PMI 283**</b>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014	Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard	
			08/05/2014	DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings	

			22/05/2014 29/05/2014	Meeting scheduled for Tuesday 27/05 to finalise arrival square DS advised that this matter had been touched on at the PMG meeting. BMCL are progressing on the basis of the RCC. GW advised that 2 out of 3 of the ducts has been pulled across the road and works on the 3 <sup>rd</sup> duct is due to commence 2 <sup>nd</sup> June 2014. PM advised that he had written to GCC on 28/05/2014 and advised to install the upgrade of the junction at Govan Road as per section 56. Potential issue re traffic assessment identified as this was based on a 4 carriageway road.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 04/06/2014

						
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates</p>		

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			<p>provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL</p>	
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			17/04/2014	to the NHS GG&C Estates Dept. DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	
			22/05/2014	DP to progress	

21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	29/04/2014	Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters; <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul>	
			01/05/2014.	The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoiltec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.	
			08/05/2014	PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.	
			15/05/2014	180 bolt fixings in total to be remediated. 35 nylon points been replaced to date.	
			22/05/2014	On-going – work being carried out during night shift – 7-8 weeks to completion. GW noted that insurance claim progressed, approved and costs agreed	
			29/05/2014	It was noted that works are ongoing and expected to be another 3-4 weeks to complete. The operatives are working night-shift and John Curry is supervising the works at night.	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/06/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.	
			10/04/2014	Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.	
			17/04/2014	DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.	
			24/04/2014	PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.	
			01/05/2014	PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.	
			08/05/2014	PM advised that a meeting with SPT had been scheduled to take place on 14 <sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information & cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.	
			15/05/2014	DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27 <sup>th</sup>	

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			29/05/2014	<p>May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p> <p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	<p>08/05/2014</p> <p>15/05/2014 22/05/2014</p> <p>29/05/2014</p>	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the</p>	

				road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.	
2583	PMI 290	RO Water Installation	08/05/2014  15/05/2014 22/05/2014 29/05/2014	<p>The Board request that the Endoscopy Washer RO water installation is modified to provide thermal disinfection capability to align with recent best practice guidance. This option was included within the specification and is to be taken up.</p> <p>The cost implications are to be reflected within the enabling works items on the Group 1 equipment list.</p> <p>DH noted that he needed the revised spec urgently as will be holding up the tender documentation. Needed by tomorrow.</p> <p>Required as a priority – DP to progress</p> <p>GW advised this item had been agreed – Equipment List item. DP advised that he had provided the revised spec to DH.</p>	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014  15/05/2014 29/05/2014	<p>The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.</p> <p>DP agreed to investigate and DH agreed to have a look at the bedhead.</p> <p>GW noted that BMCL had received costs from Mercury and would provide this to the NHS asap. PM enquired if this item would be an equipment list item and GW confirmed it could be an equipment list if wanted.</p>	
2616	PMI 292	LIG 053 (GENW24-001 & GENW24 - 004)	19/05/2014  29/05/2014	<p>The Board confirm, as discussed at an M&amp;E review workshop on 16th May 2014, that the LIG053 are not required in:</p> <p>GENW24 - 001 GENW24 - 004</p> <p>This accords with the LIG schedule as agreed, but needs to be reflected in both the as built layouts and group 1 equipment list.</p> <p>GW advised that Mercury have been asked to confirm if anything already fitted in order that any omissions can be identified.</p>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol>	

2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.  Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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NONE

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) **DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start

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work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014) **GW noted that he had received the next iteration of the drawings for review the previous night. DP advised that it was proposed to bubble the drawings for those areas in INS that need to be considered re asbestos checks. (29/05/2014).**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that



there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advise had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c19/05/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014) **PM noted that the PPC reps would be onsite later that day. DS advised that a paper had been prepared to pre-empt the queries from SEPA. IP had provided comments however it was thought that these comments were NHS Management responsibility not for BMCL. IP Had further asked queries that BMCL do not intend to answer. (29/05/2014)**

- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014) **It was noted that HPS/HFS meeting to be held. DS noted that it was his view that this should not impact on PC. PM advised that this matter was a Board issue so should not impact on PC (29/05/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the) storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing.(20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to

chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014) DS noted that RN will review the Nightingale drawings in advance of issue to the NHS (15/05/2014) **DP advised that DH had sent the drawings back with minor comments. From BMCL perspective the matter is closed. DH to confirm. (29/05/2014)**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) **Interim meeting held and proposals being worked up (29/05/2014)**
- RCC/Fastlink (parking bays at the front of the houses on Govan Road – DH noted that there is a conflict between the drawings (08/05/2014) DH advised that approval through RCC to remove bays. Works to be progressed as approved RCC. Agreed item could be closed however to be left on and see how develops). (15/05/2014)
- **Equipment List – GW noted that he is awaiting issue of the Equipment List by PMI as the 'line in the sand'. BMCL are progressing on the basis of manual amendments due to PMIs. FW has issued the equipment list back to BMCL with further amendments marked up. PM advised that he understood that there were 12 cameras to come off the list. DS raised concern that Nightingale may need to redo drawings. DS and GW to discuss. (29/05/2014)**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 11/06/2014:

						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol>			
			21/11/2013	PM advised that: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

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			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDermont at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>

			<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			<p>03/04/2014 DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>10/04/2014 DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>17/04/2014 DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>24/04/2014 DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>01/05/2014 DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>08/05/2014 DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>15/05/2014 DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p> <p>22/05/2014 DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process</p> <p>29/05/2014 DS noted that there was 52 items overdue – mainly M&amp;E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>20/03/2014 GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>27/03/2014 DR advised that he would conclude the information for provision to DL.</p> <p>03/04/2014 DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>10/04/2014 Noted that DR was to meet with DL.</p>	




			24/04/2014 01/05/2014 05/06/2014	DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014  27/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP. DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised	



			<p>03/04/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>30/04/2014</p> <p>08/05/2014</p>	<p>that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date.and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p> <p>Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.</p> <p><b>** Cross reference with PMI 283**</b></p>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014	<p>Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard</p>	

		08/05/2014 22/05/2014 29/05/2014  05/06/2014	DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings Meeting scheduled for Tuesday 27/05 to finalise arrival square DS advised that this matter had been touched on at the PMG meeting. BMCL are progressing on the basis of the RCC. GW advised that 2 out of 3 of the ducts has been pulled across the road and works on the 3 <sup>rd</sup> duct is due to commence 2 <sup>nd</sup> June 2014. PM advised that he had written to GCC on 28/05/2014 and advised to install the upgrade of the junction at Govan Road as per section 56. Potential issue re traffic assessment identified as this was based on a 4 carriageway road.  GW noted no change to this item	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/06/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed.</p>	

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			<p>PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM</p>	
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			<p>15/05/2014 22/05/2014 29/05/2014  05/06/2014</p>	<p>suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p> <p>GW and AFe to do walkround early w/c 19/05 with HMc</p> <p>Walkabout scheduled or 27<sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available</p> <p>PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.</p> <p>PM to confirm if ok with BMCL demolition list</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014  16/01/2014 23/01/2014  30/01/2014 13/02/2014  27/02/2014 06/03/2014  20/03/2014 27/03/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than ‘colander’ style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works</p>	

			<p>04/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>08/05/2014</p> <p>15/05/2014</p> <p>22/05/2014</p>	<p>cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>DP advised that he was continuing to pursue the formal report.</p> <p>DP to progress</p>	
21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	<p>29/04/2014</p> <p>01/05/2014.</p> <p>08/05/2014</p> <p>15/05/2014</p> <p>22/05/2014</p> <p>29/05/2014</p> <p>05/06/2014</p>	<p>Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters;</p> <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul> <p>The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoiltec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.</p> <p>PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.</p> <p>180 bolt fixings in total to be remediated. 35 nylon points been replaced to date.</p> <p>On-going – work being carried out during night shift – 7-8 weeks to completion. GW noted that insurance claim progressed, approved and costs agreed</p> <p>It was noted that works are ongoing and expected to be another 3-4 weeks to complete. The operatives are working night-shift and John Curry is supervising the works at night.</p> <p>GW suggested that the works may have been completed.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/06/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.	
			10/04/2014	Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.	
			17/04/2014	DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.	
			24/04/2014	PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.	
			01/05/2014	PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.	
			08/05/2014	PM advised that a meeting with SPT had been scheduled to take place on 14 <sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information & cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.	
			15/05/2014	DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27 <sup>th</sup>	

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			29/05/2014	<p>May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p> <p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p>	
			05/06/2014	<p>GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	Please provide a cost to incorporate the undernoted works into the contract.	
			15/05/2014 22/05/2014	<p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with</p>	



			29/05/2014  05/06/2014	<p>GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p>	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014  15/05/2014 29/05/2014  05/06/2014	<p>The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.</p> <p>DP agreed to investigate and DH agreed to have a look at the bedhead.</p> <p>GW noted that BMCL had received costs from Mercury and would provide this to the NHS asap. PM enquired if this item would be an equipment list item and GW confirmed it could be an equipment list if wanted.</p> <p>GW advised he was waiting confirmation from DP if any other works</p>	
2616	PMI 292	LIG 053 (GENW24-001 & GENW24 - 004)	19/05/2014   29/05/2014  05/06/2014	<p>The Board confirm, as discussed at an M&amp;E review workshop on 16th May 2014, that the LIG053 are not required in:</p> <p>GENW24 - 001 GENW24 - 004</p> <p>This accords with the LIG schedule as agreed, but needs to be reflected in both the as built layouts and group 1 equipment list.</p> <p>GW advised that Mercury have been asked to confirm if anything already fitted in order that any omissions can be identified.</p> <p>Awaiting costs from Mercury</p>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol>	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p>	

			05/06/2014	GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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NONE

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) **DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start

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work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014) **GW noted that he had received the next iteration of the drawings for review the previous night. DP advised that it was proposed to bubble the drawings for those areas in INS that need to be considered re asbestos checks. (29/05/2014).**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that

there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advise had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c190/5/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014) **PM noted that the PPC reps would be onsite later that day. DS advised that a paper had been prepared to pre-empt the queries from SEPA. IP had provided comments however it was thought that these comments were NHS Management responsibility not for BMCL. IP Had further asked queries that BMCL do not intend to answer. (29/05/2014)**



- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014) **It was noted that HPS/HFS meeting to be held. DS noted that it was his view that this should not impact on PC. PM advised that this matter was a Board issue so should not impact on PC (29/05/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower lever to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the) storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing.(20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to

chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014) DS noted that RN will review the Nightingale drawings in advance of issue to the NHS (15/05/2014) **DP advised that DH had sent the drawings back with minor comments. From BMCL perspective the matter is closed. DH to confirm. (29/05/2014)**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) **Interim meeting held and proposals being worked up (29/05/2014)**
- RCC/Fastlink (parking bays at the front of the houses on Govan Road – DH noted that there is a conflict between the drawings (08/05/2014) DH advised that approval through RCC to remove bays. Works to be progressed as approved RCC. Agreed item could be closed however to be left on and see how develops). (15/05/2014)
- Equipment List – GW noted that he is awaiting issue of the Equipment List by PMI as the 'line in the sand'. BMCL are progressing on the basis of manual amendments due to PMIs. FW has issued the equipment list back to BMCL with further amendments marked up. PM advised that he understood that there were 12 cameras to come off the list. DS raised concern that Nightingale may need to redo drawings. DS and GW to discuss. (29/05/2014) . **GW noted that he is still in the process of getting confirmation from Mercury as to what (cameras) had already been procured. (05/06/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 19/06/2014:

						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol>			
			21/11/2013	PM advised that: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

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			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDermott at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>• he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>


			<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			<p>03/04/2014 DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>10/04/2014 DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>17/04/2014 DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>24/04/2014 DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>01/05/2014 DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>08/05/2014 DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>15/05/2014 DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p> <p>22/05/2014 DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process</p> <p>29/05/2014 DS noted that there was 52 items overdue – mainly M&amp;E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.</p> <p>12/06/14 Board have requested the withdrawl of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>20/03/2014 GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>27/03/2014 DR advised that he would conclude the information for provision to DL.</p>	

			03/04/2014 10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/14	DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing.	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing.	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014	With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.	

			27/03/2014	DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.	
			03/04/2014	DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.	
			10/04/2014	DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.	
			17/04/2014	DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.	
			24/04/2014	DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
			30/04/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.	
			08/05/2014	<b>** Cross reference with PMI 283**</b>	

21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014	Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard
			08/05/2014 22/05/2014 29/05/2014	DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings Meeting scheduled for Tuesday 27/05 to finalise arrival square DS advised that this matter had been touched on at the PMG meeting. BMCL are progressing on the basis of the RCC. GW advised that 2 out of 3 of the ducts has been pulled across the road and works on the 3 <sup>rd</sup> duct is due to commence 2 <sup>nd</sup> June 2014. PM advised that he had written to GCC on 28/05/2014 and advised to install the upgrade of the junction at Govan Road as per section 56. Potential issue re traffic assessment identified as this was based on a 4 carriageway road. GW noted no change to this item.
			05/06/2014 12/06/14	Recent dialogue with Glasgow City Council confirms they have approved two different layouts, the Board's Section 56 in 2010 and a Fastlink plan in 2013. Key difference is the provision of a lay-by on the Fastlink drawing outside the private houses on Govan Road, providing a disabled parking bay for one of the residents. Board to supply BMCL with GCC CAD layout and then arrange meeting with Council to discuss way ahead, to avoid potential press issue.

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/06/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p>	

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			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.
			12/12/2013	AK advised that he was getting a programme plotted for discussion. AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos

			<p>24/04/2014 removal.</p> <p>08/05/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>15/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p> <p>22/05/2014 GW and AFe to do walkround early w/c 19/05 with HMc</p> <p>29/05/2014 Walkabout scheduled or 27<sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available</p> <p>05/06/2014 PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.</p> <p>12/06/14 PM to confirm if ok with BMCL demolition list.  Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&amp;E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014 An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>16/01/2014 An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>23/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>30/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>13/02/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p>	



			<p>27/02/2014 06/03/2014</p> <p>20/03/2014 27/03/2014</p> <p>04/04/2014 10/04/2014 17/04/2014 24/04/2014</p> <p>08/05/2014 15/05/2014 22/05/2014 12/06/14</p>	<p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days. Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>DP advised that he was continuing to pursue the formal report.</p> <p>DP to progress.</p> <p>Work in progress, action on DP.</p>	
21225	NHS EW 052 -	ADULT ATRIUM – ETFE SUPPORT STEELWORK	<p>29/04/2014</p> <p>01/05/2014.</p> <p>08/05/2014</p> <p>15/05/2014</p> <p>22/05/2014</p>	<p>Further to the failure of a connector (beam and strut connection) in late March 2014 the Board request that Brookfield Multiplex provide a comprehensive report covering the following matters;</p> <ul style="list-style-type: none"> <li>• Adult Hospital – structural solution as installed, and how it works.</li> <li>• Detail of connector failure and likely cause.</li> <li>• Proposed remedial works and details of the new connector and how it will prevent similar occurrence.</li> <li>• Children's Hospital – checks undertaken and plans remedial works if any.</li> </ul> <p>The Board request the submission of this report prior to the commencement of any remedial works. Report awaited. WSP/Vectorfoitec reviewing in 1-2 weeks. Methodology agreed by WSP. Update on detail to be reviewed by Capita prior to works commencing. In manufacture – Board to review. AFe noted that BMCL are trying to identify the best way to present the information to the NHS.</p> <p>PM acknowledged receiving the report. AFe noted that the bolt replacement works would commence later that night. A sample had been undertaken. If the works that evening go to plan then the works will be continued for the next 6 – 10 nights. BMCL were still receiving reports/surveys. AFe noted that the rubber washers had caused the failure of the connection/fixing.</p> <p>180 bolt fixings in total to be remediated. 35 nylon points been replaced to date.</p> <p>On-going – work being carried out during night shift – 7-8 weeks to completion. GW noted that insurance</p>	

			29/05/2014 05/06/2014 12/06/2014	claim progressed, approved and costs agreed It was noted that works are ongoing and expected to be another 3-4 weeks to complete. The operatives are working night-shift and John Curry is supervising the works at night. GW suggested that the works may have been completed. Works to replace connectors now complete. PM confirmed the Board will require design certificate or similar for revised detail, this should be included in the H&S File on Zutec. PM confirmed report had been received and reviewed by the Board team.	
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# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/06/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.	
			10/04/2014	Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings. PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.	
			17/04/2014	DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.	
			24/04/2014	PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.	
			01/05/2014	PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.	
			08/05/2014	PM advised that a meeting with SPT had been scheduled to take place on 14 <sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information & cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.	
			15/05/2014	DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27 <sup>th</sup>	

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			29/05/2014	<p>May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p> <p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p>	
			05/06/2014	<p>GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.</p>	
			12/06/2014	<p><b>BMCL pricing revised layout and await costs from Land Engineering. GW to follow up on order for signal replacement.</b></p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p>	
			15/05/2014	<p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p>	

			22/05/2014	WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC	
			29/05/2014	DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.	
			05/06/2014 12/06/2014	GW advised that price awaited back from Mercury and Land Engineering. <b>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</b>	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014	The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.	
			15/05/2014	DP agreed to investigate and DH agreed to have a look at the bedhead.	
			29/05/2014	GW noted that BMCL had received costs from Mercury and would provide this to the NHS asap. PM enquired if this item would be an equipment list item and GW confirmed it could be an equipment list if wanted.	
			05/06/2014 12/06/2014	GW advised he was waiting confirmation from DP if any other works <b>BMCL to proceed with these works, convert to equipment list.</b>	
2616	PMI 292	LIG 053 (GENW24-001 & GENW24 - 004)	19/05/2014	The Board confirm, as discussed at an M&E review workshop on 16th May 2014, that the LIG053 are not required in: GENW24 - 001 GENW24 - 004	
			29/05/2014	This accords with the LIG schedule as agreed, but needs to be reflected in both the as built layouts and group 1 equipment list. GW advised that Mercury have been asked to confirm if anything already fitted in order that any omissions can be identified.	
			05/06/2014	<b>Awaiting costs from Mercury</b>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.  The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.  Information confirmed as; 1) Narrative. 2) WSP Drg: WSP EW XX SK 771 117 Rev 03. 3) Bus shelter data sheet.	

				4) Bus shelter foundation detail.	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014  05/06/2014  12/06/2014	Upgrade and extension to main entrance area at ground and first floor level.  Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team. <b>Fees and programme to be provided by 16<sup>th</sup> June 2014.</b>	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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NONE

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). **Work on going to conclude by end of June 2015. (12/06/2014).**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both



neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014) GW noted that he had received the next iteration of the drawings for review the previous night. DP advised that it was proposed to bubble the drawings for those areas in INS that need to be considered re asbestos checks. (29/05/2014). **Asbestos survey work out to tender based on drawings supplied by BMCL (12/06/2014).**

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application



had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey of the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may be an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage. DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene's perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft

document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c 19/05/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014) PM noted that the PPC reps would be onsite later that day. DS advised that a paper had been prepared to pre-empt the queries from SEPA. IP had provided comments however it was thought that these comments were NHS Management responsibility not for BMCL. IP Had further asked queries that BMCL do not intend to answer. (29/05/2014). **SEPA preparing draft permit for publication by end of June 14 followed by a 28 consultation period. There are 3 outstanding matters, two have been dealt with and concern the extending of a concrete kerb for containment purposes in the yard, the specification of sealant between the yard concrete and adjoining walls, there is a final issue regarding the height of a baffle wall in the SUDS scheme and this will be dealt with, probably through an enforcement notice post issue of the permit. (12/06/2014).**

- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPS an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014) It was noted that HPS/HFS meeting to be held. DS noted that it was his view that this should not impact on PC. PM advised that this matter was a Board issue so should not impact on PC (29/05/2014) **Following a meeting with HFS the tap issue appears resolved, although the Board will need to draft and implement a management process for the maintenance of the taps in critical care areas. Board to secure a letter from HFS confirming agreement or secure minutes of meeting. (12/06/2014)**
- Fill point renal acid tank – Elgar has discussed the distance from the drop off bay to the fill point and advise that there is not an adequate header. DP noted that Nightingale are involved in working up an alternate solution/re-co-ordination exercise was ongoing. (30/01/2014) PM enquired how many ambulances the bay could take. DH suggested that there was provision for 2 ambulances. DP noted that it was WIP to review (06/02/2014) DH to check tank deliveries (13/02/2014) DH advised that the hoses on the current lorries are 6m long. He had liaised with RNethery and had suggested that the ramps could be reversed. DS suggested that another point would need to be identified. DH noted that BMCL are responsible for the operational design and Board responsible for the clinical design. DS reported that the information re the 6m hose lengths was new information to BMCL and that all the drawings have been signed off. GW advised that he believed that you can currently pump to 25m. DH advised that the norm was that lorries have 6m hoses however some lorries can have 10m hoses but if go for a solution requiring the 10m hoses then this restricts the vehicles that can come to site. DS acknowledged that a solution needed to be identified and enquired if there is another renal provider that can do the length currently required before BMCL start redoing ramps however BMCL would review the design. DH advised that it is a national contract for renal not an NHS GG&C contract/supplier. The current supplier has advised that the norm is 6m and at a push can do 10m long hoses. Consideration had been given to moving the lay-by closer to the outlet. DH advised that he had difficulty locating the signed off drawings and requested that a copy of the drawing signing off the fill point/lay-by be provided. (20/02/2014). 27/02/2014 – DS has now provided the sign-off information for DH. Proposals to be submitted to resolve the issue of distance from vehicle parking and “head” from tanker. Fill point now at lower level to assist gravity feed. Feedback received from renal acid suppliers now noting this is not close enough for the tankers that fill. DH reported he has suggested a solution and DS n/oted that this is a



change to the design. It is an issue for the tanker to get close enough and the hoses carried cannot stretch to the fill point. The number of deliveries and capacity of the storage tank to determine the solution. Further discussion is required (06/03/2014). DH noted that information received indicated that the refilling frequency of the tank would be around 7-10 days not a couple of times a year. The issue on position of the refill point is still to be debated. Drawing pack received does not indicate the fill point or the lay by. BMCL require to progress this matter. DH will review ERs and DP agreed to locate drawing believed to be signed off (13/03/2014) AK advised that the feasibility had been carried out and potential minor issues identified i.e. goes past consulting rooms/visibility into consulting rooms, etc. Query – move layby or extend and DH reported that the layby should be extended. AK queried the crossing noting that it was proposed to try to have this as a straight crossing and BMCL proposed to instruct WSP to undertake the design works. GW suggested that there may be a need to put in a railing. (20/03/2014) DS advised the design was being progressed however there may be a need to rebut some of the live drainage already in place. (27/03/2014) DS noted that he had met with DH and that the renal pipe could be taken across the top of the renal discharge past the consult room which would allow the vehicle to get within 10m of the bay. Drawings of this proposal were being prepared. (04/04/2014) DS advised that he had met with DH to discuss the proposal and had met with the consultant to progress the drawing. (10/04/2014) DH advised that revised drawing awaited. DS agreed to chase up (17/04/2014) DS advised that a meeting had been held the previous day and drawings expected potentially 9<sup>th</sup> May. DS agreed to confirm that date for the provision of the drawings. (24/04/2014) DS advised that the WSP drawings had been received and DS would check for the Nightingale drawings and provide to NHS by cop 09/05/2014 (08/05/2014) DS noted that RN will review the Nightingale drawings in advance of issue to the NHS (15/05/2014) **DP advised that DH had sent the drawings back with minor comments. From BMCL perspective the matter is closed. DH to confirm. (29/05/2014).**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). **Updated drawings awaited from BMCL. (12/06/2014).**
- Equipment List – GW noted that he is awaiting issue of the Equipment List by PMI as the 'line in the sand'. BMCL are progressing on the basis of manual amendments due to PMIs. FW has issued the equipment list back to BMCL with further amendments marked up. PM advised that he understood that there were 12 cameras to come off the list. DS raised concern that Nightingale may need to redo drawings. DS and GW to discuss. (29/05/2014) . GW noted that he is still in the process of getting confirmation from Mercury as to what (cameras) had already been procured. (05/06/2014) **BMCL to confirm if cameras have, or have not been purchased. (12/06/2014).**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). **GW to follow up with Council. (12/06/2014).**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 02/07/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
13069	BMCL-EWN-122	Late return of RDD submission	<div>05/04/2012</div> <div>07/11/2013</div> <div>17/11/2013</div> <div>21/11/2013</div> <div>28/11/2013</div> <div>12/12/2013</div> <div>19/12/2013</div>	<p>Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.</p> <p>DH advised that</p> <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul> <p>DH advised that there were 3 items outstanding:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol> <p>PM advised that:</p> <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol> <p>DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.</p> <p>DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.</p> <p>It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6<sup>th</sup> Jan 2014.</p> <p>Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013)</p> <p>Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that</p>	

			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDermont at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>

			<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			<p>03/04/2014 DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.</p> <p>10/04/2014 DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)</p> <p>17/04/2014 DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&amp;E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.</p> <p>24/04/2014 DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&amp;E batch of drawings was WIP.</p> <p>01/05/2014 DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.</p> <p>08/05/2014 DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.</p> <p>15/05/2014 DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return</p> <p>22/05/2014 DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process</p> <p>29/05/2014 DS noted that there was 52 items overdue – mainly M&amp;E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.</p> <p>12/06/14 Board have requested the withdrawal of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.</p> <p>19.6.2014 2 minor items; Car Park 1 stat signage and lead details. DH agreed to follow up.</p> <p>26.6.2014 <b>Lead details returned in week, statutory signage ongoing, DH to chase. Adult entrance plasterboard details highlighted but Board no knowledge of receipt, GW to check in system.</b></p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014 In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>06/02/2014 It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>13/02/2014 GW to discuss info with DR</p> <p>20/02/2014 GW tables costs and supporting information for review by C&amp;B</p> <p>27/02/2014 DR has to make recommendations on information provided from BMCL</p> <p>06/03/2014 DR now has costs from BMCL to review and will revert back to BMCL</p> <p>13/03/2014 DR reported that he had the report and was to review with DWL and then discuss with GW</p>	



			<p>20/03/2014 27/03/2014 03/04/2014 10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014</p>	<p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&amp;B to contact GW to discuss.</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014 13/03/2014 20/03/2014 27/03/2014 01/05/2014 26/06/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&amp;B to contact GW to discuss.</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	<p>10/03/2014 13/03/2014 20/03/2014</p>	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage. As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc. Board requested to meet with BMCL Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue. GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings</p>	




			<p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p>	<p>may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p>	
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			30/04/2014 08/05/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.  ** Cross reference with PMI 283**	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014  08/05/2014 22/05/2014 29/05/2014  05/06/2014 12/06/2014  26.06.2014	Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings Meeting scheduled for Tuesday 27/05 to finalise arrival square DS advised that this matter had been touched on at the PMG meeting. BMCL are progressing on the basis of the RCC. GW advised that 2 out of 3 of the ducts has been pulled across the road and works on the 3 <sup>rd</sup> duct is due to commence 2 <sup>nd</sup> June 2014. PM advised that he had written to GCC on 28/05/2014 and advised to install the upgrade of the junction at Govan Road as per section 56. Potential issue re traffic assessment identified as this was based on a 4 carriageway road. GW noted no change to this item. Recent dialogue with Glasgow City Council confirms they have approved two different layouts, the Board's Section 56 in 2010 and a Fastlink plan in 2013. Key difference is the provision of a lay-by on the Fastlink drawing outside the private houses on Govan Road, providing a disabled parking bay for one of the residents. Board to supply BMCL with GCC CAD layout and then arrange meeting with Council to discuss way ahead, to avoid potential press issue. Meeting arranged with Glasgow City Council to discuss Section 56/1 and disabled parking on 27 <sup>th</sup> June 2014.	
21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.  Board to issue PMI to instruct additional monitoring and measuring	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26 <sup>th</sup> of January 2015 and the contract completion date of 28 <sup>th</sup> February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7 <sup>th</sup> August 2014 with commissioning activities allowed to commence from the 21 <sup>st</sup> of August.  Board to confirm acceptance	

21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014	Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie & Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 02/07/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed.</p>	

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			<p>PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM</p>	
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			<p>15/05/2014 22/05/2014 29/5/2014 05/06/2014 12/06/2014 26/06/2014</p>	<p>suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p> <p>GW and AFe to do walkround early w/c 19/05 with HMc</p> <p>Walkabout scheduled or 27<sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available</p> <p>PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.</p> <p>PM to confirm if ok with BMCL demolition list.</p> <p>Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&amp;E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.</p> <p><b>Tenders issued w/c 23 June 2014, with 4 week tender period.</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014 16/01/2014 23/01/2014 30/01/2014 13/02/2014 27/02/2014 06/03/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p>	

			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	
			22/05/2014	DP to progress.	
			12/06/2014	Work in progress, action on DP.	
			26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 02/07/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p> <p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can</p>	
			10/04/2014		

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			<p>17/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>08/05/2014</p> <p>15/05/2014</p> <p>29/05/2014</p>	<p>provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p> <p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p> <p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p> <p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.</p> <p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p> <p>DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27<sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p> <p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a</p>	
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			05/06/2014  12/06/2014 26/06/2014	<p>legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p> <p>GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.</p> <p>BMCL pricing revised layout and await costs from Land Engineering. GW to follow up on order for signal replacement.</p> <p>Await costs from BMCE.</p>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014  15/05/2014 22/05/2014  29/05/2014  05/06/2014 12/06/2014  26/06/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections of roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p> <p>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</p> <p>Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still outstanding and this element forms part of these works which are due to commence in the autumn.</p>	

2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <p>1) Narrative.</p> <p>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</p> <p>3) Bus shelter data sheet.</p> <p>4) Bus shelter foundation detail.</p>	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p>	
2696	PMI 295	ADULT & CHILDREN'S HOSPITAL - AMENDMENTS TO THE EQUIPMENT LIST	26/06/2014	<p>The Board confirm changes and amendments to the main equipment list as listed in the attachments to this PMI.</p> <p>Proceed and implement changes as listed.</p>	
2711	PMI 296	NSGH - SECTION 56/1 ROADWORKS – PROPOSED ALTERATIONS	01/07/2014	<p>Proposed amendment to south kerb line outside private dwelling houses on Govan Road.</p> <p>Following the meeting held on 27<sup>th</sup> June 2014, with Glasgow City Council, to discuss their proposed alterations to the approved Section 56/1 road layout on Govan Road the Board instruct Brookfield Multiplex to proceed with the following work. Redesign the road layout to match the GCC Fastlink layout (see attached); meet with GCC Land Engineering Services and agree to secure amendment to Section 56/1 approvals. Establish costs for all re-design work, construction works and factor in any omissions such as the middle island at the old hospital entrance.</p> <p>Refer attached drawings and narrative. Provide costs as noted above by 15<sup>th</sup> July 2014.</p>	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
A51679245				Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out	

current position.

**Other items that require discussion:**

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). **BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHalliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMcGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance

works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014) GW noted that he had received the next iteration of the drawings for review the previous night. DP advised that it was proposed to bubble the drawings for those areas in INS that need to be considered re asbestos checks. (29/05/2014). Asbestos survey work out to tender based on drawings supplied by BMCL (12/06/2014). Further meeting 25 June 14 between Board and BMCE to identify any further areas for asbestos survey, and potential impacts to building operation from pile positions. (26/06/14).

- PPC Permit – A meeting on-site had been scheduled with SEPA to take place on 22<sup>nd</sup> November 2013. This meeting would be attending by PM and IPowrie and BMCL reps. (14/11/2013) DP noted that he would provide a site visit to the SEPA rep prior to the meeting. BMCL want to put 1 boiler on and this will not breach the threshold. It was agreed that BMCL and NHS would have a pre-meet. (21/07/2013) DP advised that a meeting with SEPA had taken place the previous Friday and a site visit had also been provided. The meeting had been positive. Initial view is that the permit should be written as now but with a slant for the 2015 requirements. Guidance to write the application had been received. Permit to be in place by June next year. There is a bit of work to do to prepare the application. Rep was looking for the site investigation survey for the retained estate. DH advised that over and above the information provided to BMCL there is some further information available for the retained estate i.e. information from the additional boreholes and the BAM site. (28/11/2013). DH noted that there is a recommendation going from IP to DL as to how best to take forward. DH will provide feedback to BMCL as soon as DL approval rec'd. Potential to have consultant in place by 17/12/2013. DP advised that SEPA have advised of the plant/equipment limit that BMCL can use until the PPC has been obtained. (12/12/2013) DP advised that the process to prepare the permit had been commenced however as it was considered that there may an issue re retained estate SI's. GW reported that ALee was advising that 95% of the rigs were already booked out for Jan 2014 and BMCL needed information asap. (19/12/2013). DH reported that consultant support is now in place. SEPA are scheduled to visit site next Thursday (16<sup>th</sup> January) to determine what investigative works are required to be carried out (09/01/2014) DH noted that SEPA were carrying out a full walk-round of the full site later that day. DH had met with URS re pulling together all the documentation. (16/01/2014) DH noted that the application was continuing to be auctioned. SI were on-site that day to undertake survey at the oil storage.

DP noted that he had drawings of the energy centre bund, etc and he would send these to IP. It was noted SEPA were asking for drainage info at the Energy Centre suggesting that this was to do with what happens if a spill at the fill point. (23/01/2014) DH advised that the preparation of the application pack was progressing well. SEPA were looking for the site wide drainage solution – DH suggested that SEPA may request a bund or similar at the Energy Centre. The survey at the oil tank had been undertaken. (30/01/2014) DH noted that this was WIP however on target to submit the draft application in 10 days time and application by the end of the month. (06/02/2014) DH advised this was work in progress. The draft application was to be submitted by cop tomorrow and the final application was to be submitted by the end of the month. BMCL are preparing the management plan/processes for the commissioning period. URS have advised that in their opinion that fuel storage regulations are not being met (PPG3) and they suggest that a separator is required. If put in a separator then can drain to the SUDS. The size of the separator would need to be discussed. Risk to project that may delay provision of the permit if put in the current scheme. DP suggested that the application should be submitted as is and if there is any enforcement/delay then this is dealt with at the time. The time now could be used to agree the size of the tanks. DH noted that BMCL and the NHS would need to be quick to react to any feedback from SEPA. PM enquired if the separator could be put in later in the job or would have to be put in now and DH suggested that it would have to be put in now (20/02/2014). PPC application – DH reported as being 98% complete – clarity on 1 or 2 items – drainage etc on what is being put in place. DS requested a meeting to review how any run off pollution could be controlled in the high risk areas. It was noted that to submit no comment to SEPA could result in issues later. DH noted that separation was required in his opinion as there would be oil and storage refills nearby. DS noted that WSP will use PPG3 document to justify the reasons for the design being completed as is, and that this, in their opinion should substantiate the reasons behind this. Drawing is being prepared, showing potential separator location, to forward with submission if required. Noise calculations from flues – it was noted that this was not possible to provide. Accoustic Logic has previously provided information on how noise was received from receptors in relation to nearest houses (difficult to provide noise levels from flues as no permit to run). DH agreed to liaise with URS to further define the information required. Feedback received from SEPA – signatures required by authorized signatories and RC will be asked to sign later today and this to be returned to SEPA early next week. Technical review underway by SEPA and to date no issues to report. Consultation period with residents to begin shortly via the placing of advertisements in national and local press supported by an article in the newsletter. DH agreed to forward full submission to BMCL for their information (06/03/2014). Confirmation from SEPA that application “duly made” and advertising can now commence. SEPA have specified that any spillage cannot be released into the surface water drainage but must flow into foul drain. DH has forwarded information to JB re above. It was noted that there was no foul drain in the vicinity. DH to forward information to GW (13/03/2014) DH noted that there was a query about the foul drainage and AK advised that WSP had been asked to look at the drainage. DH noted that all parties need to work together to resolve. It is agreed that this needed to be confirmed as a change of regs and therefore a risk register item. DH noted that it would be helpful if WSP could assist to provide the 2008 regs (20/03/2014) DH noted that the adverts were due to be placed on 28/03/2014 –Evening Times and Edinburgh Gazette. Residents newsletter has been issued. Advice had been received from the case officer to the effect that if an amendment is not submitted re interceptor then the permit will not be provided. DS advised that he is in dialogue with PDunbar. (27/03/2014) It was noted that a meeting with DH and IP to discuss options re interceptor had taken place however Irene’s perception needs to be identified. There are 4 potential options to resolve. (04/04/2014) DH advised that a meeting with Irene Anders (IA) had been held. IA is the ground water specialist but not the drainage specialist. IA is liaising with drainage colleagues. DS noted that there are alternate options. (11/04/2014) DH advised that WSP are preparing a robust case for the preferred option. DS advised that he had provided a response by email to DH. (17/04/2014) DH advised that guidance had been received from SEPA re connection to foul or surface. Options were being progressed on the basis of guidance. Schedule of questions regarding the application awaited from SEPA. Meeting scheduled for 02/05/2014 to discuss robust response re connecting to surface/foul. No delays to permit application. (24/04/2014) DH noted that the 28 day consultation period was now concluded. The case officer has advised that there were no objections from the public received. SEPA had received 3 responses from Statutory Consultees of which was NHS GG&C. The Project Team were trying to identify who had responded on behalf of NHS had responded and what the response had been. DH advised that the schedule 4 questions were being chased up IP. DH advised that there had been a query regarding used fire water. (01/05/2014) DH noted that the SEPA query related to why is the connection to the surface and not foul drainage and BMCL/NHS have a justification for the surface connection (08/05/2014) DH noted that draft document prepared. Will finish comments and provide back to BMCL asap. Section 4 questions expected w/c19/05/2014. Meeting with SEPA rep scheduled to take place on 29<sup>th</sup>. IP progressing discussions. (15/05/2014) PM noted that the PPC reps would be onsite later that day. DS advised that a paper had been prepared to pre-empt the queries from SEPA. IP had provided comments however it was thought that these comments were NHS Management responsibility not for BMCL. IP Had further asked queries that BMCL do not intend to answer. (29/05/2014). SEPA preparing draft permit for publication by end of June 14 followed by a 28 consultation period. There are 3 outstanding matters, two have been dealt with and concern the extending of a concrete kerb for containment purposes in the yard, the specification of sealant between the yard concrete and adjoining walls, there is a final issue regarding the height of a baffle wall in the SUDS scheme and this will be dealt with, probably through an enforcement notice post issue of the permit. (12/06/2014). Further meetings to conclude baffle wall in SUDS area 7/7/14, WSP drawing requires to be reviewed and approved by all. SEPA committee meet 2<sup>nd</sup> wk July to sign off draft permit, draft permit issued 7<sup>th</sup> August with 14 day standstill period prior to full permit. (26/06/14).



- Pseudomonas in taps – Retrospective guidance post BMCL Contract Guidance. DH noted that there had been a CEL issues relating to Pseudomonas in taps and specifically the flow straighteners in the taps. The NHS had related this back to the NHS Board centrally. It was understood that industry wide this issue is being reviewed. DH enquired if Horne and Shanks are undertaking a review of their design/have any comments about their taps. DH noted that there was no specific action for the Project Team at this time. (16/01/2014) DP advised that he had forwarded the information to Mercury. DH noted that Armitage Shanks have changed the flow straighteners to the Marquick taps. The CEL only relates to high risk areas. The high risk areas will need to be discussed with Infection Control reps. (23/01/2014) DP advised that he was pushing Mercury for a response. Mercury has passed the enquiry to Horne for an update re the current status of design. (30/01/2014) DH requested that Horne be pushed for a response (06/02/2014) DP advised that he is awaiting a response from Horne (13/02/2014) WIP – awaiting feedback from Horne (20/02/2014). 27/02/2014 – Response from Horne noted that taps were compliant and it was a maintenance issue to ensure these are kept clean – IP to contact HFS if appropriate. IPowrie is in discussion with HFS on the way forward (06/03/2014). DP agreed to forward information to IPowrie – looking at a pressure reducer installation – WIP (13/03/2014) DP advised that he had spoken to Steve on 19/03/2014 and Steve has prepared a paper and has scheduled a meeting with Horne. It is suggested that it is not a straightener issue but a moisture issue and that it would be better to retain the straightener so that there is a maintainable part (20/03/2014) DP advised that IP is liaising with HPs an HFS and there is a couple of queries re Steve's paper. DH acknowledged that this is not a contractual issue at the moment. It would be helpful if BMCL could provide the as fitted detail of the Horne taps. (27/03/2014) DP advised that Horne had responded and IP Had raised a couple of queries with Steve (04/04/2014) DL noted that there had been a review undertaken by Health Protection Scotland and there was a meeting scheduled later that day to discuss the HPS review. (10/04/2014) DP noted that meeting is awaited with Horne (17/04/2014) PM noted that there was a meeting being arranged to discuss. Target date 1<sup>st</sup> May 2014. (24/05/2014) DP advised that the meeting had been held. The next step is for a meeting with HPS through HFS. PM acknowledged that DL Had been in contact with HFS to organize the meeting (08/05/2014) DH advised that a meeting had been set up with HPS, HFS and Horne so that Horne can present their case. IP will attend this meeting as an observer. DP advised that he would also like to attend this meeting as adviser. DS noted that this matter was being driven by HPS and HFS – is not a BMCL/NHS issue. DH noted that it is not a contract issue for BMCL at the moment acknowledging that this matter is due to retrospective guidance (15/05/2014) It was noted that HPS/HFS meeting to be held. DS noted that it was his view that this should not impact on PC. PM advised that this matter was a Board issue so should not impact on PC (29/05/2014) Following a meeting with HFS the tap issue appears resolved, although the Board will need to draft and implement a management process for the maintenance of the taps in critical care areas. Board to secure a letter from HFS confirming agreement or secure minutes of meeting. (12/06/2014). **A meeting convened by HFS on the 5<sup>th</sup> June 2014 reviewed the issues in relation to their earlier guidance and agreed the following in respect of the NSGH;**

- The South Glasgow Hospital:** it was unanimously agreed that as the taps installed within the new build development had complied with guidance current at the time of its specification and briefing and that the hospital was in the process of being commissioned, it should be regarded as being in the “retrospective” category, not “new build”. There was no need to apply additional flow control facilities or remove flow straighteners and any residual perceived or potential risks would form part of the routine management process.

**It is confirmed that no further action is required by BMCE, this item is now closed.**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). **Revised drawings received from BMCE on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14).**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). **GW still trying to progress with Siemens – WIP. (26/06/2014).**

- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14).
- Cable & Wireless Works – Govan Road – these works had been delayed, DH to establish reason with GT. (26.06.14).



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 09/07/2014:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 06/07/2017.						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"><li>One group of M&amp;E information which was to be returned later that day.</li><li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li><li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li></ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li><li>c) Pharmacy Cupboard – PM progressing</li></ul>			
			21/11/2013	PM advised that: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li></ul>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDermott at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>

				<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			03/04/2014	DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.	
			10/04/2014	DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)	
			17/04/2014	DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.	
			24/04/2014	DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&E batch of drawings was WIP.	
			01/05/2014	DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.	
			08/05/2014	DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.	
			15/05/2014	DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return	
			22/05/2014	DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process	
			29/05/2014	DS noted that there was 52 items overdue – mainly M&E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.	
			12/06/14	Board have requested the withdrawal of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.	
			19.6.2014	2 minor items; Car Park 1 stat signage and lead details. DH agreed to follow up.	
			26.6.2014	Lead details returned in week, statutory signage ongoing, DH to chase. Adult entrance plasterboard details highlighted but Board no knowledge of receipt, GW to check in system.	
			03/07/2014	5 documents listed on tracker. A) 3 docs relate to 1 transmittal re wayfinding - these had been returned back to the NHS as the front sheet had not been signed off – these would be returned back to BMCL later that day. B) The column cladding drawing had been returned to BMCL on 30 <sup>th</sup> May 2014. C) description states for CP1 in error as dwg relates to Hazard signage for A&C – the necessary approvals to achieve sign-off is being progressed.	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.	


			06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014	<p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p> <p>GW advised this is to be wrapped up in the INS entrance works.</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014  13/03/2014  20/03/2014	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p> <p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p> <p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4</p>	

			<p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p>	<p>bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so</p>	
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			30/04/2014 08/05/2014	<p>BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p> <p>Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.</p> <p><b>** Cross reference with PMI 283**</b></p>	
21296	BMCL-EWN-000145	Road Junction changes requested by Glasgow City Council	07/05/2014 08/05/2014 22/05/2014 29/05/2014  05/06/2014 12/06/2014  26.06.2014  03/07/2014	<p>Following meetings held with GCC we confirm that the council have requested changes to the external junctions from those detailed previously on the relevant, previously accepted RCC and S56 approvals all as detailed on the two number attached marked up drawings. Junction 1 Govan rd / Langlands Drive, Junction 2 Renfrew Rd / Boulevard</p> <p>DS noted that BMCL had written to GCC and BMCL were proceeding on the basis of signed-off drawings</p> <p>Meeting scheduled for Tuesday 27/05 to finalise arrival square</p> <p>DS advised that this matter had been touched on at the PMG meeting. BMCL are progressing on the basis of the RCC. GW advised that 2 out of 3 of the ducts has been pulled across the road and works on the 3<sup>rd</sup> duct is due to commence 2<sup>nd</sup> June 2014. PM advised that he had written to GCC on 28/05/2014 and advised to install the upgrade of the junction at Govan Road as per section 56. Potential issue re traffic assessment identified as this was based on a 4 carriageway road.</p> <p>GW noted no change to this item.</p> <p>Recent dialogue with Glasgow City Council confirms they have approved two different layouts, the Board's Section 56 in 2010 and a Fastlink plan in 2013. Key difference is the provision of a lay-by on the Fastlink drawing outside the private houses on Govan Road, providing a disabled parking bay for one of the residents. Board to supply BMCL with GCC CAD layout and then arrange meeting with Council to discuss way ahead, to avoid potential press issue.</p> <p>Meeting arranged with Glasgow City Council to discuss Section 56/1 and disabled parking on 27<sup>th</sup> June 2014.</p> <p><b>Agreed item to be closed. Cross reference to PMI 296</b></p>	
21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014          03/07/2014	<p>The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre.</p> <p>The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.</p> <p>Board to issue PMI to instruct additional monitoring and measuring</p> <p><b>DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.</b></p>	

21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August. Board to confirm acceptance	
			03/07/2014	PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014	Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie & Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.	
			03/07/2014	GW noted that BMCL should have been progressing the kerbing under the LE contract. DH advised that NMCL and NHS should not be accepting any charges from GCC as it is GCC that made the embargo which started in April. GW noted that there had also been a fault in the cable.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 09/07/2014

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this. WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works. AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.	

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			10/10/2013	WIP by BMCL
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over


			10/04/2014	the weekend to prepare the scope of works so can put out to tender. GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.

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20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p>
			16/01/2014	<p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p>
			23/01/2014	<p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p>
			30/01/2014	<p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p>
			13/02/2014	<p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p>
			27/02/2014	<p>Report anticipated shortly</p>
			06/03/2014	<p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p>
			20/03/2014	<p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p>
			27/03/2014	<p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p>
			04/04/2014	<p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p>
			10/04/2014	<p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p>
			17/04/2014	<p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p>
			24/04/2014	<p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p>
			08/05/2014	<p>DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p>
			15/05/2014	<p>DP advised that he was continuing to pursue the formal report.</p>
			22/05/2014	<p>DP to progress.</p>
			12/06/2014	<p>Work in progress, action on DP.</p>
			26.06.2014	<p>This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p>

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 09/07/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p>	
			10/04/2014	<p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p>	
			17/04/2014	DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.	
			24/04/2014	<p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p>	
			01/05/2014	PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.	
			08/05/2014	<p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is</p>	

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			<p>15/05/2014</p> <p>29/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p>	<p>any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p> <p>DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27<sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.</p> <p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p> <p>GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.</p> <p>BMCL pricing revised layout and await costs from Land Engineering. GW to follow up on order for signal replacement.</p> <p>Await costs from BMCE.</p> <p>GW advised this is work in progress as awaiting information from Mercury (costs associated with the ducting works). DH advised that there may be a tweak to the location of the lights on the traffic island. PM advised that the NHS wanted to get cost info asap so can conclude. GW agreed to progress.</p>	
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2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>15/05/2014 22/05/2014</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>29/05/2014</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>05/06/2014 12/06/2014</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p> <p>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</p> <p>26/06/2014</p> <p>Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still outstanding and this element forms part of these works which are due to commence in the autumn.</p> <p>03/07/2014</p> <p>GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.</p>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p>	



				Information confirmed as; 1) Narrative. 2) WSP Drg: WSP EW XX SK 771 117 Rev 03. 3) Bus shelter data sheet. 4) Bus shelter foundation detail.	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014  05/06/2014 12/06/2014 26/06/2014  03/07/2014	Upgrade and extension to main entrance area at ground and first floor level.  Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team. Fees and programme to be provided by 16 <sup>th</sup> June 2014. Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014. AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	
2696	PMI 295	ADULT & CHILDREN'S HOSPITAL - AMENDMENTS TO THE EQUIPMENT LIST	26/06/2014  03/07/2014	The Board confirm changes and amendments to the main equipment list as listed in the attachments to this PMI.  Proceed and implement changes as listed. Item to be closed and CE to be issued	
2711	PMI 296	NSGH - SECTION 56/1 ROADWORKS – PROPOSED ALTERATIONS	01/07/2014  03/07/2014	Proposed amendment to south kerb line outside private dwelling houses on Govan Road.  Following the meeting held on 27 <sup>th</sup> June 2014, with Glasgow City Council, to discuss their proposed alterations to the approved Section 56/1 road layout on Govan Road the Board instruct Brookfield Multiplex to proceed with the following work. Redesign the road layout to match the GCC Fastlink layout (see attached); meet with GCC Land Engineering Services and agree to secure amendment to Section 56/1 approvals. Establish costs for all re-design work, construction works and factor in any omissions such as the middle island at the old hospital entrance.  Refer attached drawings and narrative. Provide costs as noted above by 15 <sup>th</sup> July 2014. GW advised he would provide the information to DCampbell however think he DCampbell will have safety concerns.	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.	



Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
				Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position.	

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). **BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014)**
- Link Bridge – PM acknowledged that the Nightingale link bridge drawing had been signed off in (circa) June and some time later a WSP stick steel drawing had been signed off. The NHS had not received the updated Nightingale drawing and what has been installed is larger than expected i.e. 1.5m bigger than the signed off architectural drawing. Concern was raised about the appearance of the link bridge installed and the NHS need to understand why the structure is larger than expected. (31/10/2013) PM noted that the final span had been lifted into place on 2<sup>nd</sup> November. It was understood that it was BMCL's intention to look at the appearance. DH noted that he had asked for a statement from the architect that they are content with the design. DH noted that JMurray had shown him some sketches. DS advised that the BMCL position is that what has been installed is as per the drawings. (07/11/2013) DH enquired which drawings the bridge had been installed to as the NHS had never received a final architectural drawing for approval. DH noted that he was awaiting confirmation from the Architect to confirm that they were content with the design intent. (14/11/2013) PM advised that a statement had been received from NA and PM would liaise with DL re the way forward. (21/11/2013) The NHS is expecting a proposal from BMCL re improving the appearance of the bridge. (14/11/2013) PM noted that DL had discussed the link bridge with MS. DS noted that a proposal from Nightingale had been provided to MS for review prior to liaising with the NHS Team. DS requested that the NHS review all the signed off drawings for Neo-natal. It was agreed that a meeting to discuss the neo-natal link bridge and review all the drawings should be organized – attendees to be DS, JMurray, AK and DH, DL and PM. (12/12/13) DS advised that Nightingale were identifying a proposal and that Nightingale had received the mark-up. It was anticipated to have a proposal by the end of the week so it can be discussed with RCalderwood on the 6<sup>th</sup> Jan 2014. DS noted that the NHS needed to review the neo-natal steelwork drawings. GW noted that AHAlliday had advised that the steelwork was in and being constructed. DH advised that was a query re the bracing. DS advised that he would provide a copy of the email from NMCGarry who suggested that the bracing is for wind. (19/12/2013). A meeting with the CE of NHS GG&C along with project team and BMCL members and architect will take place on 20<sup>th</sup> January 2014 both neonatal bridge and link to neurosciences will be discussed (09/01/2014) PM noted that a meeting had been arranged to discuss the link bridge. DS noted that DL had advised that BMCL can purchase the steelwork for the Neo-natal link bridge. PM advised that he had made some minor comments on the neo-natal link bridge drawing. PM noted that the NHS would be reviewing the Neuro link later that day. (16/01/2014) PM noted that there had been a meeting on 20<sup>th</sup> Jan and BMCL were putting some

thoughts down. DS noted that NMurphy had emailed him and DS would set up a meeting to provide a presentation of the proposal(s). AK noted that it was proposed to start work to the floor of the neuro link bridge. (23/01/2014) PM advised that a meeting had been scheduled to take place on 17<sup>th</sup> Feb 2014. PM requested an advance copy of what will be presented on the 17<sup>th</sup> Feb. (30/01/2014) MS had provided sketches to DL who would show these to RCalderwood in advance of the meeting on 17<sup>th</sup> Feb 2014. DS advised that BMCL were looking at the build-ability of the proposals and were awaiting initial feedback from the NHS. (06/02/2014) PM advised that he had received drawings from BMCL and the NHS has provided comments back to BMCL. RC is on annual leave so unable to comment at this time. Meeting arranged for 17<sup>th</sup> Feb with RCalderwood. (13/02/2014) Subsequent to the meeting on the 17<sup>th</sup> Feb with RCalderwood the go-ahead had been given to BMCL for the Neo-natal link bridge. BMCL have been given the opportunity to include works to the Neuro-sciences building entrance subject to feasibility. DS advised that he was awaiting a PMI for the Neuro entrance works. PM agreed to discuss with DL. DS noted that he would need to check if the Nightingale amendments impacts in any way to the bridge link connections. (20/02/2014). 27/02/2014 – RDD drawing and fly through to JD Pierce for programme and costs before taking to Board. Neuro drawings are awaited. Drawings are with Board – question raised on block sections. DS agreed to check and will feedback to PM later today. Neuro link will be reviewed later today by the Board (06/03/2014). Neo-natal drawings are required, along with final proposal. Clarity on knock out panel at maternity building and the coordination of these works on MTHW and drainage programme. Users will need to be informed of the works - noted that neo-natal link breaks into the stairwell so there should be minimal impact on the departments. (13/03/2014) It was noted that the neo-natal link bridge drawings were expected to be received from Nightingale by 21/03/2014. AK noted that BMCL were proceeding with the link to the main hospital. At the intersection point it appears to have sprung up. BMCL want to get the panels installed asap so that the pneumatic tube can be installed. AK noted that the steel has a drop down section into the build. It was suggested that AK should meet with PM w/c 24/03/2014. (20/03/2014) PM noted that the NS were awaiting a programme for the works and method statement. Neonatal – revised drawing to be provided to the NHS for sign-off. It was noted that there had been an error regarding the MRI access which needs to be relocated as per non-rendered panel replacement proposal. Neuro – T3 GA drawing – 3<sup>rd</sup> leg in abeyance due to potential changes to the INS entrance. PM noted that if the INS entrance does not go ahead then PM would want to re-view and sign-off. DS noted that BMCL wanted to identify drawings to allow BMCL to progress with works. PM requested that BMCL re-provide the drawing for re-signing. DS proposed that the drawing should be discussed and agreed. (27/03/2014) GW, DS and PM to meet as GW has the drawings for review (04/04/2014) PM advised that he was awaiting the updated Neo-natal drawings. AFe advised it was proposed to provide a scope of works for the Neo-natal link bridge works to the NHS. It was noted that it is circa 12 weeks away from carrying out the Neuro works. DL noted that MSharples had confirmed that the NHS will have the cost plan and plans for the neuro entrance works for a meeting w/c 14/04/2014. (10/04/2014) Noted that the neo-natal link bridge drawings had been received and would be reviewed and returned by COP that day. Neuro link bridge – meeting held the previous day. Cost discussion - there was a number of queries for both parties. (17/04/2014) GW advised that the neonatal link bridge drawings have been signed off and sent back to WSP as there are some queries. JMurray sent the drawings back on 23/04/2014. PM noted that for the Neuro Link bridge the 2 legs should be ok. PM had seen the latest drawing re what BMCL are pricing up. PM advised that the mezzanine was under consideration. PM advised that potential works was to be discussed with the building users. GW advised that PF was getting a quote for cladding. DS enquired that should neuro proposals not go ahead whether there was sufficient sign-off of drawings to allow BMCL to proceed. PM advised that the last leg is in abeyance. PM would be happy to sign off a drawing for the fall back position. GW noted that MS has advised that 15<sup>th</sup> May is date to be concluded. (24/04/2014) PM advised that he could sign-off the Neuro drawings for the fall back position should the neuro entrance works not go ahead. DS agreed to liaise with JMurray and provide the drawing. PM advised that he had received the drawing re neonatal and returned this back to BMCL. PM noted that the drawings had not been provided in colour therefore as long as the colours are the same as present then this was ok. (01/05/2014) PM acknowledged that he had a drawing on his desk for review/sign-off. (08/05/2014) Agreed this item could be closed as all construction info has been signed off. DH noted that the NHS needed to understand the programme so can liaise with the building users. DP noted that the medical gas drawing had been issued. DH noted that HMc was to check the routes into Neuro. AFe suggested that HMc was not aware of any drawing and DH agreed to liaise with HMc. (15/05/2014) GW noted that he had received the next iteration of the drawings for review the previous night. DP advised that it was proposed to bubble the drawings for those areas in INS that need to be considered re asbestos checks. (29/05/2014). Asbestos survey work out to tender based on drawings supplied by BMCL (12/06/2014). Further meeting 25 June 14 between Board and BMCE to identify any further areas for asbestos survey, and potential impacts to building operation from pile positions. (26/06/14). **Agreed item to be closed. Link bridges being progressed in other for a. INS bridge – BMCL proposing delaying the traffic restrictions/works on the road as looking to tie in the bridge works with other works. GW noted that the neo-natal costs have increased from JDPierce and Henshaw. AFe advised that he would need to discuss with the NHS the way forward re the fitting of the large window (03/07/2014)**

- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and

discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014). DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCE on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14).

- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014)
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014)
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014)
- Equipment relocation to another area – AFe enquired when the Group 5 equipment was going to be relocated and DH agreed to liaise with FW and confirm back. (03/07/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 16/07/2014:

						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"> <li>One group of M&amp;E information which was to be returned later that day.</li> <li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li> <li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li> </ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li> <li>Pharmacy Cupboard – PM progressing</li> </ol>			
			21/11/2013	PM advised that: <ol style="list-style-type: none"> <li>Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li> <li>Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li> </ol>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

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			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.
			13/02/2014	It was noted that there was no drawings currently overdue
			20/02/2014	It was noted that there was no drawings currently overdue
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014
			06/03/2014	Timber cladding will be returned by Hugh McDermont at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>

				<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			03/04/2014	DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.	
			10/04/2014	DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)	
			17/04/2014	DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.	
			24/04/2014	DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&E batch of drawings was WIP.	
			01/05/2014	DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.	
			08/05/2014	DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.	
			15/05/2014	DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return	
			22/05/2014	DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process	
			29/05/2014	DS noted that there was 52 items overdue – mainly M&E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.	
			12/06/14	Board have requested the withdrawal of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.	
			19.6.2014	2 minor items; Car Park 1 stat signage and lead details. DH agreed to follow up.	
			26.6.2014	Lead details returned in week, statutory signage ongoing, DH to chase. Adult entrance plasterboard details highlighted but Board no knowledge of receipt, GW to check in system.	
			03/07/2014	5 documents listed on tracker. A) 3 docs relate to 1 transmittal re wayfinding - these had been returned back to the NHS as the front sheet had not been signed off – these would be returned back to BMCL later that day. B) The column cladding drawing had been returned to BMCL on 30 <sup>th</sup> May 2014. C) description states for CP1 in error as dwg relates to Hazard signage for A&C – the necessary approvals to achieve sign-off is being progressed.	
			10/07/2014	DH noted that there had been no schedule issued on 9/07 however he thought that the only item to be returned to BMCL is the hazard signage.	



20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014</p> <p>27/03/2014 03/04/2014</p> <p>10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p> <p>GW advised this is to be wrapped up in the INS entrance works.</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014 27/03/2014 01/05/2014 26/06/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	<p>10/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p>	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p> <p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p> <p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design</p>	




				<p>works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>27/03/2014 DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>03/04/2014 DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights . BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>10/04/2014 DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>17/04/2014 DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being</p>	
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			24/04/2014	prepared. There are some queries to be discussed i.e. kerb tracking. DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.	
			30/04/2014	Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.	
			08/05/2014	<b>** Cross reference with PMI 283**</b>	
21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	<b>DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.</b>	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August. Board to confirm acceptance	
			03/07/2014	PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	<b>DH advised that the draft permit was published in accordance with the timeline (7<sup>th</sup>).</b>	

21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014	Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie & Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.	
			03/07/2014	GW noted that BMCL should have been progressing the kerbing under the LE contract. DH advised that NMCL and NHS should not be accepting any charges from GGC as it is GCC that made the embargo which started in April. GW noted that there had also been a fault in the cable.	
			10/07/2014	DH advised that he will provide feedback to DP asap.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 16/07/2014

							
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.			
			19/09/2013				
			26/09/2013	WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.			
			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.			
			10/10/2013	WIP by BMCL			
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.			
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.			
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.			
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.			
			12/12/2013	AK advised that he was getting a programme plotted for discussion.			
				AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs			

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				<p>under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p>	
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.	
			09/01/2014	Meeting to be scheduled to review some aspects of the work	
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.	
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.	
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting	
			06/03/2014	AK noted that programme review was nearing completion	
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week	
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.	
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.	
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.	
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.	
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.	
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that	

			08/05/2014	<p>HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p>	
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc	
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available	
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.	
			05/06/2014	PM to confirm if ok with BMCL demolition list.	
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.	
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.	
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.	
			10/07/2014	PM noted that he understood the tenders had been issued.	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p>	
			16/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			23/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			30/01/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the	

		13/02/2014	previous day. DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.
		27/02/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days.
		06/03/2014	Report anticipated shortly DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.
		20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.
		27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.
		04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.
		10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.
		17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.
		24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.
		08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.
		15/05/2014	DP advised that he was continuing to pursue the formal report.
		22/05/2014	DP to progress.
		12/06/2014	Work in progress, action on DP.
		26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.
		03/07/2014	DP advised he would push on the write up of the proposed option.
		10/07/2014	DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014.

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 16/07/2014



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p>	
			10/04/2014	<p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p>	
			17/04/2014	<p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p>	
			24/04/2014	<p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p>	
			01/05/2014	<p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the best option but will require some tweaks so can discuss with GGC.</p>	
			08/05/2014	<p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. AFe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p>	



			15/05/2014	DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27 <sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27 <sup>th</sup> . GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL.	
			29/05/2014	PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.	
			05/06/2014	GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.	
			12/06/2014	BMCL pricing revised layout and await costs from Land Engineering. GW to follow up on order for signal replacement.	
			26/06/2014	Await costs from BMCE.	
			03/07/2014	GW advised this is work in progress as awaiting information from Mercury (costs associated with the ducting works). DH advised that there may be a tweak to the location of the street lights on the traffic island. PM advised that the NHS wanted to get cost info asap so can conclude. GW agreed to progress.	
			10/07/2014	PM noted that costs are awaited. DP advised that cost from mercury is awaited and he would progress this in GW's absence.	

2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	Please provide a cost to incorporate the undernoted works into the contract.	
			15/05/2014	Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.	
			22/05/2014	GW noted this is WIP	
			29/05/2014	WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC	
			05/06/2014	DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.	
			12/06/2014	GW advised that price awaited back from Mercury and Land Engineering.	
			26/06/2014	Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.	
			03/07/2014	Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still outstanding and this element forms part of these works which are due to commence in the autumn. GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.	
			10/07/2014	DP advised that BMCL have had internal discussions and drawing being prepared re Hardgate Road/Car Park area for GCC.	

2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014  15/05/2014 22/05/2014  16/07/2014	<p>The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064.</p> <p>DP agreed to investigate and DH agreed to have a look at the bedhead.</p> <p>TRU1001 – should be capable of accommodating – costs being prepared and assessed if trunking can accommodate. Feedback to NHS</p> <p><b>Instruction Added to Sypro 16/07/2014</b>  <b>The Board confirm that BMCL should proceed with the change as outlined. Costs to be allocated to Group 1 Equipment.</b></p>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014          10/07/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;  1) Narrative.  2) WSP Drg: WSP EW XX SK 771 117 Rev 03.  3) Bus shelter data sheet.  4) Bus shelter foundation detail.</p> <p><b>PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.</b></p>	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014  05/06/2014  12/06/2014 26/06/2014  03/07/2014    10/07/2014	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p><b>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if</b></p>	

				any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.	
2696	PMI 295	ADULT & CHILDREN'S HOSPITAL - AMENDMENTS TO THE EQUIPMENT LIST	26/06/2014  03/07/2014	The Board confirm changes and amendments to the main equipment list as listed in the attachments to this PMI.  Proceed and implement changes as listed. Item to be closed and CE to be issued	
2711	PMI 296	NSGH - SECTION 56/1 ROADWORKS – PROPOSED ALTERATIONS	01/07/2014  03/07/2014 10/07/2014	Proposed amendment to south kerb line outside private dwelling houses on Govan Road.  Following the meeting held on 27th June 2014, with Glasgow City Council, to discuss their proposed alterations to the approved Section 56/1 road layout on Govan Road the Board instruct Brookfield Multiplex to proceed with the following work. Redesign the road layout to match the GCC Fastlink layout (see attached); meet with GCC Land Engineering Services and agree to secure amendment to Section 56/1 approvals. Establish costs for all re-design work, construction works and factor in any omissions such as the middle island at the old hospital entrance.  Refer attached drawings and narrative. Provide costs as noted above by 15th July 2014. GW advised he would provide the information to DCampbell however think he DCampbell will have safety concerns. Update to be provided to the NHS asap.	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014  10/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.  PM advised that he was awaiting cost for the feasibility study.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
		Equipment List	10/07/2014	Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position. PM noted that there was a query re 2 items on the list (a – cost for MA4 but no breakdown and b – public telephone cost).	

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) **DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCE on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14). **PM requested that an update of the drawings is provided by 24/07/2014 (10/07/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) **DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014)**
- Neo-natal link bridge drawings – AFe to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) **DH noted that WR had seen a response on Aconex and has raised a query. TGReen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) **PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014)**
- Equipment relocation to another area – AFe enquired when the Group 5 equipment was going to be relocated and DH agreed to liaise with FW and confirm back. (03/07/2014) **DH noted that he had spoken with FW the previous day who had advised that FW has received a method statement and will discuss this with AStephen asap. (10/07/2014)**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 30/07/2014:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 06/07/2017.						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"><li>One group of M&amp;E information which was to be returned later that day.</li><li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li><li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li></ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li><li>c) Pharmacy Cupboard – PM progressing</li></ul>			
			21/11/2013	PM advised that: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li></ul>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

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			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI	
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.	
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.	
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.	
			13/02/2014	It was noted that there was no drawings currently overdue	
			20/02/2014	It was noted that there was no drawings currently overdue	
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014	
			06/03/2014	Timber cladding will be returned by Hugh McDerment at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information	
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up	
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.	
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>	



				<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			03/04/2014	DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.	
			10/04/2014	DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)	
			17/04/2014	DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.	
			24/04/2014	DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&E batch of drawings was WIP.	
			01/05/2014	DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.	
			08/05/2014	DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.	
			15/05/2014	DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return	
			22/05/2014	DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process	
			29/05/2014	DS noted that there was 52 items overdue – mainly M&E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.	
			12/06/14	Board have requested the withdrawal of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.	
			19.6.2014	2 minor items; Car Park 1 stat signage and lead details. DH agreed to follow up.	
			26.6.2014	Lead details returned in week, statutory signage ongoing, DH to chase. Adult entrance plasterboard details highlighted but Board no knowledge of receipt, GW to check in system.	
			03/07/2014	5 documents listed on tracker. A) 3 docs relate to 1 transmittal re wayfinding - these had been returned back to the NHS as the front sheet had not been signed off – these would be returned back to BMCL later that day. B) The column cladding drawing had been returned to BMCL on 30 <sup>th</sup> May 2014. C) description states for CP1 in error as dwg relates to Hazard signage for A&C – the necessary approvals to achieve sign-off is being progressed.	
			10/07/2014	DH noted that there had been no schedule issued on 9/07 however he thought that the only item to be returned to BMCL is the hazard signage.	
			24/07/2014	DH noted that 2 docs had been returned the previous day at C status, wayfinding docs would be returned asap.	


				<p>AFe noted that TDSL were awaiting sign-off of the doors for Schiehallion – propping 2 x 6mm panes. DR noted that there was concern regarding the double doors into the isolation rooms and the double doors into the ensuite. AFe advised that TDSL were providing a review of all the doors and are preparing a mark-up of all the 'holes in the walls'.</p> <p>AFe advised that he was getting the BMCL reps to check everything is ok re the dental chairs.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>24/07/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p> <p>GW advised this is to be wrapped up in the INS entrance works.</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p> <p>DR and GW in discussion re way forward</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>01/05/2014</p> <p>26/06/2014</p> <p>24/07/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p> <p>DR and GW in discussion re way forward</p>	
20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board.</p> <p>We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter.</p>	

			<p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>03/04/2014</p>	<p>BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p> <p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p> <p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p> <p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p> <p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c</p>	
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			<p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>30/04/2014</p> <p>08/05/2014</p>	<p>07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p> <p>Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.</p> <p><b>** Cross reference with PMI 283**</b></p>	
21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p>	<p>The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre.</p> <p>The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.</p> <p>Board to issue PMI to instruct additional monitoring and measuring</p> <p>DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.</p> <p>DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.</p> <p><b>DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.</b></p>	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	<p>01/07/2014</p>	<p>The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015.</p> <p>The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to</p>	

			03/07/2014  10/07/2014 24/07/2014	SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August. Board to confirm acceptance  PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA. DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ). DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014    03/07/2014  10/07/2014 24/07/2014	Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie & Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.  GW noted that BMCL should have been progressing the kerbing under the LE contract. DH advised that NMCL and NHS should not be accepting any charges from GGC as it is GCC that made the embargo which started in April. GW noted that there had also been a fault in the cable. DH advised that he will provide feedback to DP asap. DH noted that the Virgin works were 100% complete however it was proving difficult to get communication with C&W which is apparently not uncommon. A potential solution had been identified and was being checked out in relation to RCC implications. GW noted that the only work that can be undertaken in that area at the moment is take down the wall however BMCL were reluctant to start/stop works.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 30/07/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013  19/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.	

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			26/09/2013	WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.
			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.
			10/10/2013	WIP by BMCL
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.

			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had




			10/07/2014 24/07/2014	spoken to PM the previous day. GW agreed to check whether the tenders had gone out. PM noted that he understood the tenders had been issued. <b>It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS &amp; BMCL to discuss the externals. Tenders are due back in 1<sup>st</sup> August 2014.</b>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014 23/01/2014  30/01/2014 13/02/2014  27/02/2014 06/03/2014  20/03/2014 27/03/2014  04/04/2014 10/04/2014 17/04/2014 24/04/2014  08/05/2014 15/05/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required. DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS. DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics. DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day. DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days. Report anticipated shortly DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case. DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support. DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course. GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up. DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept. DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap. DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS. DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting. DP advised that he was continuing to pursue the formal report.	

			22/05/2014 12/06/2014 26.06.2014  03/07/2014 10/07/2014 24/07/2014	DP to progress. Work in progress, action on DP. This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested. DP advised he would push on the write up of the proposed option. DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014. DP advised this is WIP to conclude	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 30/07/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2555	PMI 283	NEW SOUTH GLASGOW HOSPITALS - ADAPTATIONS TO ARRIVAL SQUARE DESIGN	09/04/2014          10/04/2014    17/04/2014  24/04/2014       01/05/2014	<p>This instruction cancels PMI 254, 278 and 280. Please proceed and adapt the signed off design for arrival square based on meeting on 9th April 2014 and the attached documentation. Work on 3 phase process; Phase 1 - Prepare design layout for review and agreement with NHS/SPT and GCC. Phase 2 - for tender and approvals. Phase 3 for construction.</p> <p>Please proceed and adapt current approved arrival square layout based on the attached drawings and specification. The initial drawing should show revised kerb along the arrival dock, bus stances, patient drop off area, road geometry, swept path for bus stances and road signal arrangements. Once this design has been approved in principle with NHS/SPT and GCC proceed to price design and construction works and then prepare construction drawings.</p> <p>PM advised that meeting held with GCC and SPT. Have generally agreement re dock edge and patient transport drop off area. This should allow WSP to prepare the drawing which will be jointly discussed with SPT and GCC to get sign-off/approval. Once approval received then BMCL can provide cost. SPT and GCC have been advised that the NHS are proceeding at risk to ensure that the BMCL construction programme is not impacted. DS advised that BMCL needed bus stop and camera locations information. DH advised that it was proposed that containment be installed for the cameras.</p> <p>DS enquired if there had been any feedback from GCC/SPT. DH agreed to chase up GCC/SPT for the drawing re bus stop details and spec and real time ducts and bus lane enforcement camera locations.</p> <p>PM advised that he had met with DH and DS and was awaiting the WSP for review. DS queried the junction amendments. PM advised that there is a meeting organized to discuss the arrival square however the junction is a separate issue. David Campbell to be asked for a view on how the junctions work and to position bus stops on the basis of the London Bus Guide. DS advised that he would ask WSP to progress the kerb saw layouts and bus positioning. DP advised that BMCL need to know 'where to and where from' for the install of the ducts.</p> <p>PM advised that he had received a drawing the previous day with the 4 options. The option 3 is the</p>	Item to be closed as being dealt with under PMI 293

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			08/05/2014	<p>best option but will require some tweaks so can discuss with GGC.</p> <p>PM advised that a meeting with SPT had been scheduled to take place on 14<sup>th</sup> May 2014. Agreement re the kerb logs, positioning of the bus stops and ducting for real time information &amp; cameras will be obtained. The way forward would be confirmed to BMCL asap thereafter. DH noted that the NHS needed the updated drawing from BMCL asap. Afe advised that consideration needed to be given to any BMCL procurement implication on programming. DH enquired if there is any benefit in getting BMCL to proceed with the below ground services work as BMCL will need to do co-ordination works and the NHS will confirm the to/from positions - DH and PM agreed to discuss.</p>	
			15/05/2014	<p>DH noted that the geometry is agreed as per drawing so design can be finalized. Asked for further meeting to discuss. Asked for a further meeting to discuss signals – meeting scheduled for 27<sup>th</sup> May @ 3pm. GW advised that there is a potential lead in time required for the lights. PM advised that he was happy for the BMCL reps to attend the meeting on the 27<sup>th</sup>. GW proposed that GW and DS should attend for BMCL. DH suggested that a meeting should be held with D Campbell to finalise the detail of the signs. There had been a request for the detail of the traffic islands. PM was marking up a drawing and would provide this to BMCL later that day noting that the bus stops are deeper. DH noted that GCC are issuing a duct drawing and sketch drawing of the foundation. DH updated that meeting had taken place with GCC with outcome of that feed back to BMCL and WSP via a drawing. Completed drawing anticipated by Thursday/Friday this week. Further meeting to review bus stops with DH/PM and David Gowans of Trueform. DH noted that drawings indicated larger bus stops and included ducting – not clear where the ducting come out of building and this to be checked with BMCL</p>	
			29/05/2014	<p>PM advised that he had met with GCC and written to GCC and advised to progress on basis of the WSP drawing. Concern had been raised regarding the road markings and it was understood that DCampbell will submit an amendment to the RCC. PM would issue a PMI to confirm the way forward for BMCL. BMCL to provide indication of costs. DS noted that the drawings would need to be redone. PM advised that he was waiting on information from Truform and PM would sit down with BMCL to discuss what standard of shelters that BMCL have costed. GW advised that BMCL have costed for 6 new shelters, Land Engineering have priced for installing bus stops. DS enquired if there had been a discussion regarding the traffic lights and it was noted that there is a legal discussion ongoing regarding maintenance/adoption. If the lights are being ordered from Siemens then BMCL need to understand where the lights are being wired to/clarity needed. It was suggested that the monitoring link could be post pc. PM suggested that the NHS should adopt and DS noted that this would require an AIP for the NHS to adopt. DS enquired about the totems noting that he had been advised that GCC will supply and install the totems and BMCL only to install the ducting (90mm). BMCL were awaiting the foundation details for the totems. DS agree to provide the notes of the meeting to PM for information.</p>	
			05/06/2014	<p>GW advised that the cost awaited from Land Engineering. GW had received the street lighting drawing from DCampbell and had sent this onto GCC. GW suggested that there is a legal issue to be concluded between GCC and NHS re roads adoption. Consideration to be given to way forward if GCC do not progress i.e. go to Siemens direct however this has implications. GW requested that NHS give a steer on what BMCL should do next.</p>	
			12/06/2014	<p>BMCL pricing revised layout and await costs from Land Engineering. GW to follow up on order for signal replacement.</p>	

			26/06/2014 03/07/2014	Await costs from BMCE. GW advised this is work in progress as awaiting information from Mercury (costs associated with the ducting works). DH advised that there may be a tweak to the location of the street lights on the traffic island. PM advised that the NHS wanted to get cost info asap so can conclude. GW agreed to progress.	
			10/07/2014	PM noted that costs are awaited. DP advised that cost from mercury is awaited and he would progress this in GW's absence.	
			24/07/2014	<b>** Cross ref PMI 293 **</b>	
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	Please provide a cost to incorporate the undernoted works into the contract.	
				Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.	
			15/05/2014	GW noted this is WIP	
			22/05/2014	WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC	
			29/05/2014	DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.	
			05/06/2014	GW advised that price awaited back from Mercury and Land Engineering.	
			12/06/2014	Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.	
			26/06/2014	Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still outstanding and this element forms part of these works which are due to commence in the autumn.	
			03/07/2014	GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.	

			10/07/2014 24/07/2014	DP advised that BMCL have had internal discussions and drawing being prepared re Hardgate Road/Car Park area for GCC. GW advised that the cost had been uploaded the previous day. PM agreed to review the quote asap.	
2595	PMI 291	NCH Radiology - MRI Patient Prep	12/05/2014 15/05/2014 22/05/2014 16/07/2014 24/07/2014	The Board request a proposed cost/programme assessment for the addition of Nitrous Oxide, Medical Air (MA4) and AGSS into the bedhead in RCG-071. It is assumed that these can be provided from AVSU 182 located outside RCG-064. DP agreed to investigate and DH agreed to have a look at the bedhead. TRU1001 – should be capable of accommodating – costs being prepared and assessed if trunking can accommodate. Feedback to NHS  Instruction Added to Sypro 16/07/2014 The Board confirm that BMCL should proceed with the change as outlined. Costs to be allocated to Group 1 Equipment.  Item closed. Cost agreed on equipment schedule. PMI accepted. GW to provide the most up to date equipment list.	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014       10/07/2014 24/07/2014	The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.  The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.  Information confirmed as; 1) Narrative. 2) WSP Drg: WSP EW XX SK 771 117 Rev 03. 3) Bus shelter data sheet. 4) Bus shelter foundation detail. PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this. GW advised that the costs were currently being uploaded for options A and B	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014  05/06/2014 12/06/2014 26/06/2014 03/07/2014	Upgrade and extension to main entrance area at ground and first floor level.  Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team. Fees and programme to be provided by 16 <sup>th</sup> June 2014. Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014. AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were	

			10/07/2014  24/07/2014	being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297). PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible. GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.	
2711	PMI 296	NSGH - SECTION 56/1 ROADWORKS – PROPOSED ALTERATIONS	01/07/2014  03/07/2014 10/07/2014 24/07/2014	Proposed amendment to south kerb line outside private dwelling houses on Govan Road.  Following the meeting held on 27th June 2014, with Glasgow City Council, to discuss their proposed alterations to the approved Section 56/1 road layout on Govan Road the Board instruct Brookfield Multiplex to proceed with the following work. Redesign the road layout to match the GCC Fastlink layout (see attached); meet with GCC Land Engineering Services and agree to secure amendment to Section 56/1 approvals. Establish costs for all re-design work, construction works and factor in any omissions such as the middle island at the old hospital entrance.  Refer attached drawings and narrative. Provide costs as noted above by 15th July 2014. GW advised he would provide the information to DCampbell however think he DCampbell will have safety concerns. Update to be provided to the NHS asap. GW advised that the costs had been uploaded the previous day. DS noted that BMCL anticipated being in receipt of the drawings by cop 25/07/2014. DS suggested that there should be a discussion with the NHS re the dialogue which needs to happen with GCC.	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014  10/07/2014 24/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.  PM advised that he was awaiting cost for the feasibility study. PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.	
2778	PMI 298	Adult Atrium & NCH Entrance Lobby - Power supply & Additional Containment	25/07/2014	The Board confirm the requirement for 3 x 32A supplies terminated with isolators and additional containment routes for the installation of telecoms cabling by others at agreed locations in the Adult Atrium & NCH Entrance Lobby to facilitate the future installation of ATM's.	

2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014	<p>Additional survey work to foundations of existing building.</p> <p>Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.</p> <p>Please pre-survey all proposed areas with service detection equipment and hand dig as required.</p> <p>Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.</p> <p>Consider all service pipes to be live.</p>	
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### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
		Equipment List	10/07/2014 24/07/2014	<p>Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position.</p> <p>PM noted that there was a query re 2 items on the list (a – cost for MA4 but no breakdown and b – public telephone cost).</p> <p>Up to date agreed equipment list to be provided to the NHS</p>	

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014)



- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCL on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14). PM requested that an update of the drawings is provided by 24/07/2014 (10/07/2014) **DS noted that Joanne had confirmed that the revised drawings are under preparation and will be provided asap. (24/07/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) **GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014)**
- Neo-natal link bridge drawings – AFe to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGReen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) **DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) **Discussion scheduled to take place on 25/07/2014 (24/07/2014)**
- Equipment relocation to another area – AFe enquired when the Group 5 equipment was going to be relocated and DH agreed to liaise with FW and confirm back. (03/07/2014) DH noted that he had spoken with FW the previous day who had advised that FW has received a method statement and will discuss this with AStephen asap. (10/07/2014) **Item closed – equipment has now be relocated. (24/07/2014)**
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters.It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014)
- Adult Atrium/NCH Lobby – DH advised that he would be carrying out a visit to site to look at the potential for retro-fitting ATMs (will require power and data). (24/07/2014)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 13/08/2014:

The following Early Warnings have been submitted to the PMO Board and are awaiting close out as at 16/03/2014.						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
13069	BMCL-EWN-122	Late return of RDD submission	05/04/2012	Workflow report showing overdue RDD documentation. We note that this late response may affect BM programme and Works and will advise in due course any consequence that we are unable to mitigate. This report does not include the access control strategy which is also outstanding. DH and DS have discussed and agreed priorities: agreed following order: Door Types – Floor Finishes – Ceiling Finishes – Wall Protection. DH will check and confirm if Access Control Strategy has been returned.			
			07/11/2013	DH advised that <ul style="list-style-type: none"><li>One group of M&amp;E information which was to be returned later that day.</li><li>CUP 1050 – equipment list – will be confirmed via the Equipment List PMI when issued. DS requested that the drawing be returned as a D status. DH requested that the drawing be re-provided to DH for marking as D status.</li><li>Pharmacy – PM is suggesting that the double cabinet/double lock may not be needed. PM will confirm the way forward asap.</li></ul>			
			17/11/2013	DH advised that there were 3 items outstanding: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford has been chased up – DH proposed providing the response to BMCL be cop 18/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – DH would chase these up</li><li>c) Pharmacy Cupboard – PM progressing</li></ul>			
			21/11/2013	PM advised that: <ul style="list-style-type: none"><li>a) Medical Air &amp; Vacuum – ISandford to return to NHS BY COP 22/11/2013</li><li>b) Aseptic Suite – drawings are with Lynn Morrison – EXPECTED EARLY NEXT WEEK</li></ul>			
			28/11/2013	DH advised that FW had met with Pharmacy as a team the previous week and FW was chasing up return of the drawings. DP noted that woks had commenced in the Aseptic Suite area. DS requested the Pharmacy Cabinet information.			
			12/12/2013	DH agreed to liaise with FW re return of the aseptic drawings by cop 13/12/2013. PM reported that BMCL should continue with the Pharmacy cabinets in accordance with the drawings.			
			19/12/2013	It was noted that the Aseptic drawings had now been returned to BMCL and had subsequently been discussed with FW. DP noted that there had been a couple of matters to be resolved i.e. 2 lig lights which had been added on (resolved). DS noted that the door locks were now aligned to the Locking Strategy. An explanation to the queries can be provided at the side of the drawings. It was noted that a meeting to discuss the cabinets was scheduled to take place on 6 <sup>th</sup> Jan 2014. Pharmacy Cabinets – it was noted that PM would conclude the PMI on 20/12/2013. PM had liaised with RNetherey on 18/12/2013 re locations and numbers. (see PMI 262 issued 24/12/2013) Pneumatic Tube drawings – these were currently being worked on for return to BMCL. It was noted that			

			08/01/14	there were very few returned drawings outstanding from the NHS. DH noted that register issued shows several items outstanding as the tracker formulae included no allowance for the festive shutdown. DH advised that Board were working to the dates on the Design acceptance cover sheets as the dates on the tracker were not notified until its issue on 08/01/14. DS noted that he was unaware of the issue. DH noted that SF had spoken to staff within document control to clarify the position and DH further advised that the majority of outstanding drawings will be returned this week to BMCL. 20 days late items noted on the register were returned to BMCL on 18 <sup>th</sup> December. DH noted that Car Park drawings were to be returned and DH will chase these up for return. Aseptic DQ (electronic format) had been returned on 23 <sup>rd</sup> December and it was noted that the electronic version had been different from the printed version. The electronic version will be printed off, including comments, and returned today to close out the process. Medical vacuum drawings – discussions on-going via MGPS group. Pharmacy cabinets – PM had issued a PMI	
			16/01/2014	DH advised that the Neonatal drawings had been returned on 15/01. The 2 outstanding Car park electrical drawings had been reprinted by Doc Control as NHS unable to find. The documents relating to WF4515 had been returned. The aseptic Suite RDD had been discussed with DS. DS noted that he had gone through the report and were working with DH to identify how best to close the loop as the returned doc is pre-rdd as never received formal RDD with comments/sign-off. DP proposed that FW meets with JMiller to transfer the comments across from the pre-RDD to the formal RDD document. Medical Air – information will be returned on 17/12/2014. The Pharmacy Cabinet drawings had been returned as D status as PMI covers the NHS requirements. DS noted that Anne had changed the return dates to assist the NHS returning documents over the festive period however going forward there would be no repeat of extending dates for any other holidays. The return dates going forward will be as per RDD Tracker sheet.	
			23/01/2014	DH noted that the Medical Air document would need to be reprinted as Ian Sandford has the hard copy. DH would return the Med Air as soon as reprint provided. DS advised that the DQ had been tracked changed and issued back to FW for sign-off.	
			06/02/2014	DH noted that the documents referred to above i.e. Medical Air and Aseptic DQ had been returned to BMCL document control. DH reported that the 2 documents referred to on the RDD tracker i.e. Carbon report and RCP had been returned to document control the previous day.	
			13/02/2014	It was noted that there was no drawings currently overdue	
			20/02/2014	It was noted that there was no drawings currently overdue	
			26/02/2014	Lighting calculations – DH agreed to return these with C for reissue Wayfinding drawings are scheduled for return on Monday 3 <sup>rd</sup> March 2014	
			06/03/2014	Timber cladding will be returned by Hugh McDermont at the end of the week Lead Lining information awaited for revision and return, Aseptic information awaited for review and return FW and DH meeting Ken Hall & Brendan Rooney later today to finalise the bedhead information	
			13/03/2014	DH reported that the Aseptic and Lead detail drawings are to be returned and these will be chased up	
			20/03/2014	DH reported that there was a meeting to finalise the bedhead discussions later that day. DP advised that FW had queried patient entertainment re plaster rooms and the answer is no. DH advised that he had suggested that a mobile solution could be used in the plaster rooms, etc and it had been confirmed that a mobile solution could be used however the NHS needed to see the technical detail for the potential mobile solution.	
			27/03/2014	DH provided the following update: <ul style="list-style-type: none"> <li>he had spoken to FW re the lead details and been advised that JRobertson had been on holiday but that she would chase this up.</li> </ul>	

				<ul style="list-style-type: none"> <li>• A request for a reprint of the 2 RCP drawings would be made as these cannot currently be located</li> <li>• Equipment schedule – DH had reviewed the schedule and it was with FW for final checking and would be provided to BMCL asap</li> <li>• Aseptic drawings – RCP drawing had been returned</li> </ul>	
			03/04/2014	DS advised that in relation to the lead drawings this matter had been raised a few times and work has already been done.	
			10/04/2014	DH advised that the Major Equipment schedule RDD had been returned earlier that morning as a B status with only minor comments (mismatch in 1 room)	
			17/04/2014	DS noted that the RDD Tracker report had been issued and there were no outstanding items of concern. DH advised that he had a batch of M&E drawings predominantly Medical Gas (circa 45) and he would return these on 24/04/2014.	
			24/04/2014	DH noted that the 2 x 'lead lined' drawings had reappeared on the tracker and he would investigate the return of the drawings with FW. DH advised that he would liaise with HG and MM to obtain a date for the return of the wayfinding drawings. The M&E batch of drawings was WIP.	
			01/05/2014	DH advised that all the lead detail drawings had been returned. The review of the Medical Gas drawings was circa 50% complete and there were no major issues being identified. Fire strategy 'B' comment on 1 drawing – GB and DH to discuss and agreed way forward. Fire Strategy to be updated in relation to carts and art work.	
			08/05/2014	DH advised that the Medical Gas drawings had been returned on 6/5/2014. DS enquired if DH had liaised with GB re updating the Fire Strategy and DH confirmed he had.	
			15/05/2014	DS advised that there were no issues. DH agreed to chase up the wayfinding RDD for return	
			22/05/2014	DH advised that Wayfinding was now returned and a conversation had with DH and FW and the bed heads will be returned via the formal RDD process	
			29/05/2014	DS noted that there was 52 items overdue – mainly M&E – nothing that is causing grief. It was noted that FW is reviewing the bed-heads however it was thought that these were being issued for info only as per previous discussions.	
			12/06/14	Board have requested the withdrawal of the 52 items, specific issues to be dealt with through RFI. Two lead lined cabinet details remain outstanding. Medigas detail for NCH dental area is requires a quick turn around.	
			19.6.2014	2 minor items; Car Park 1 stat signage and lead details. DH agreed to follow up.	
			26.6.2014	Lead details returned in week, statutory signage ongoing, DH to chase. Adult entrance plasterboard details highlighted but Board no knowledge of receipt, GW to check in system.	
			03/07/2014	5 documents listed on tracker. A) 3 docs relate to 1 transmittal re wayfinding - these had been returned back to the NHS as the front sheet had not been signed off – these would be returned back to BMCL later that day. B) The column cladding drawing had been returned to BMCL on 30 <sup>th</sup> May 2014. C) description states for CP1 in error as dwg relates to Hazard signage for A&C – the necessary approvals to achieve sign-off is being progressed.	
			10/07/2014	DH noted that there had been no schedule issued on 9/07 however he thought that the only item to be returned to BMCL is the hazard signage.	
			24/07/2014	DH noted that 2 docs had been returned the previous day at C status, wayfinding docs would be returned asap.	

			31/07/2014	<p>AFe noted that TDSL were awaiting sign-off of the doors for Schiehallion – propping 2 x 6mm panes. DH noted that there was concern regarding the double doors into the isolation rooms and the double doors into the ensuite. AFe advised that TDSL were providing a review of all the doors and are preparing a mark-up of all the 'holes in the walls'.</p> <p>AFe advised that he was getting the BMCL reps to check everything is ok re the dental chairs.</p> <p>PM enquired if this item could be closed. DP advised that the EW had served a good purpose and suggested that the early notes could be removed. DH noted that the tracker gets reviewed every week. AFe suggested that a note be put at the end "Review of RDD Tracker" and this was agreed. DH advised that the current tracker had 2 items listed – 1 item was with BMCL and the other item had been returned to BMCL but could not be located therefore a reprint was being provided to the NHS to re-review. DH noted that the schiehallion door drawings had been received the previous day.</p>	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	<p>31/01/2014</p> <p>06/02/2014</p> <p>13/02/2014</p> <p>20/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>03/04/2014</p> <p>10/04/2014</p> <p>24/04/2014</p> <p>01/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>24/07/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>It was noted that BMCL were preparing the information pack of the impacts of the adverse weather.</p> <p>GW to discuss info with DR</p> <p>GW tables costs and supporting information for review by C&amp;B</p> <p>DR has to make recommendations on information provided from BMCL</p> <p>DR now has costs from BMCL to review and will revert back to BMCL</p> <p>DR reported that he had the report and was to review with DWL and then discuss with GW</p> <p>GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim.</p> <p>DR advised that he would conclude the information for provision to DL.</p> <p>DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW.</p> <p>Noted that DR was to meet with DL.</p> <p>DL noted that DR would discuss with GW asap</p> <p>Ongoing</p> <p>GW advised this is to be wrapped up in the INS entrance works.</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p> <p>DR and GW in discussion re way forward</p>	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	<p>06/03/2014</p> <p>13/03/2014</p> <p>20/03/2014</p> <p>27/03/2014</p> <p>01/05/2014</p> <p>26/06/2014</p> <p>24/07/2014</p>	<p>In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14.</p> <p>We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract.</p> <p>DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average.</p> <p>GW to provide back-up information</p> <p>GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather</p> <p>Ongoing.</p> <p>C&amp;B to contact GW to discuss.</p> <p>DR and GW in discussion re way forward</p>	

20877	BMCL-EWN-143 -	Alterations to arrival square	10/03/2014	<p>With reference to PMI 254, we enclose further update of the drawing, following discussion with the Board. We note that this requires a further safety study, drainage alterations and service co-ordination etc at this stage.</p> <p>As this scheme is now more complex than originally envisaged BM will need to undertake a Stage 2 safety audit, we would be pleased to meet with the NHS Board and the authorities to expedite this matter. BM would however note that authority approval risk does not remain with BM as there is now programme implications starting with traffic lights, kerb realignment etc.</p> <p>Board requested to meet with BMCL</p>	
			13/03/2014	<p>Met last Friday to review and alternative solution proposed by WSP (DCampbell) to allow 2 buses to lay-up in the curved lay-by with patient transport drop-off accommodated in the central island area. Verbal feedback from GCC was positive. Once written confirmation received then progress under current TRO</p> <p>GW noted there could be implications to the programme and it was noted that it was a straightforward change therefore should hopefully be no issue.</p>	
			20/03/2014	<p>GW advised that BMCL need a way forward re the drawing confirmed by the NHS so that the design works can be progressed. AK noted that the bus stops would impact on the footpath. DH advised that the kerb lines are accepted by GCC. The positioning of the bus stops were to be confirmed. GCC were proposing that zig-zag lines. Final drawing is awaited from GCC confirming crossing and positions for 4 bus stops. GW enquired if there was any reason that BMCL could not engage with GCC re the lights and pelican crossings. DH noted that there was no reason to stop BMCL engaging with GCC however GCC were providing a plotted drawing. DH confirmed that BMCL should procure the signals. DH noted that the number of lights was still to be confirmed. AK suggested that the 771 series drawings show the lights. GW noted that WSP had initially prepared 5 drawings showing the lights and it was proposed that WSP be requested to provide 1 drawing which had all the street lights and he suspected that the current drawings may be out of date. DH advised that the street lights needed to be discussed and agreed. GW noted that WSP have suggested that they have £25k indicative costs for surveys, etc for the detailed design. DH agreed to issues a PMI later that day to confirm that BMCL should procure the signals and also confirm that BMCL should procure the detailed design from WSP.</p>	
			27/03/2014	<p>DH advised that he had issued the PMI re procurement of the signals and that DH was actively pursuing GCC for a response. DS advised that confirmation of the way forward was required asap. GW noted that the only item which BMCL could progress at this time is the procurement of the traffic lights. DH advised that only confirmation of the position of the bus stops awaited which may impact on the type of kerb. DH noted that he would pursue GCC for a response and if no response by cop that day (27/03/2014) then he would amend the PMI. GW requested a meeting to discuss the bus shelters and PM advised that the NHS reps for this meeting would be PM and DH. DH noted that a RCC would be required and DS requested that this be added to the PMI so that BMCL can instruct WSP to work on the RCC. DS enquired about Planning permission and PM advised that he needed to discuss this with DH in the first instance.</p>	
			03/04/2014	<p>DS suggested that the PMI wasn't clear so the PMI hadn't been progressed in any way. GW noted that the instruction had been written to allow BMCL to progress with the street lights. BMCL had advised GCC that the NHS have ongoing matters to resolve at this time therefore BMCL will not be progressing discussions at this time. PM advised that the only item in abeyance is the kerb that runs along the A&amp;C frontage and crossing – all other items are on the WSP 'SK' drawing. GW GW advised that the GCC rep will not progress and that George had sent across the sketch to GCC. PM enquired that if the NHS issue an instruction to BMCL then there are duty bound to carry out the instruction and it was confirmed that</p>	

			<p>10/04/2014</p> <p>17/04/2014</p> <p>24/04/2014</p> <p>30/04/2014</p> <p>08/05/2014</p> <p>31/05/2014</p>	<p>BMCL were bound to carry out an instruction as long as it is clear. PM advised that he would be meeting with SPT w/c 07/04/2014 to conclude the discussions and it was thought that the final scheme was close to being agreed and that Kevin MacCormack is happy with the proposals. In relation to the RCC – a drawing will need to be submitted, there may be a need to update RSA however there was no requirement to update the Vissim model. It was expected that consensus position would be achieved w/c 07/04/2014. DS requested that the NHS confirm the way forward post the GCC meeting. PM noted that he would be meeting with the GCC Planners in order to get the shuttle bus condition removed, to discuss the Section 75 and cashflow. DS advised that BMCL were happy to meet with the NHS whenever required.</p> <p>DS noted that a good meeting had been had the previous day. BMCL had received the PMI which crystalises the information which BMCL can progress on. DS would find out what the consultant expenses were to date and would provide this to the NHS so a CEN can be raised for these costs. DS would then get the costs for the works going forward which would be a separate PMI.</p> <p>DS advised that he had met with the consultants w/c 14/04/2014. The costs and details were being prepared. There are some queries to be discussed i.e. kerb tracking.</p> <p>DS noted that BMCL were identifying programme implications. PM noted that if at any stage the programme was to be a live issue then BMCL to liaise with PM and PM will provide any decisions so BMCL can proceed on programme. DS noted that programme will need to be mitigated as the package is already let. BMCL have sufficient information now to analyse programme. DH enquired if the NHS were happy to issue PMIs to BMCL to allow them to progress with work so that the programme is not impacted on. DS advised that the area was being cleared so can start working. GW noted that the site is pretty congested.</p> <p>Updated drawing received 30/04/2014. NHS to meet with GCC asap. Ongoing to conclude discussion.</p> <p>** Cross reference with PMI 283**</p> <p>Agreed that this item could be closed as being dealt with under PMI 283</p>	
21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre.</p> <p>The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.</p> <p>Board to issue PMI to instruct additional monitoring and measuring</p> <p>DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.</p> <p>DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.</p> <p>DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.</p> <p>DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date</p>	



				and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014  03/07/2014  10/07/2014 24/07/2014  31/07/2014	<p>The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.</p> <p>Board to confirm acceptance</p> <p>PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.</p> <p>DH advised that the draft permit was published in accordance with the timeline (7<sup>th</sup>).</p> <p>DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.</p> <p>DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10<sup>th</sup> August 2014.</p>	
21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014  03/07/2014  10/07/2014 24/07/2014  31/07/2014	<p>Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie &amp; Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.</p> <p>GW noted that BMCL should have been progressing the kerbing under the LE contract. DH advised that NMCL and NHS should not be accepting any charges from GGC as it is GCC that made the embargo which started in April. GW noted that there had also been a fault in the cable.</p> <p>DH advised that he will provide feedback to DP asap.</p> <p>DH noted that the Virgin works were 100% complete however it was proving difficult to get communication with C&amp;W which is apparently not uncommon. A potential solution had been identified and was being checked out in relation to RCC implications. GW noted that the only work that can be undertaken in that area at the moment is take down the wall however BMCL were reluctant to start/stop works.</p> <p>GT to liaise with AFe to discuss potential solution</p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013  19/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	


			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled for 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available

			<p>29/5/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.</p> <p>PM to confirm if ok with BMCL demolition list.</p> <p>Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&amp;E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.</p> <p>Tenders issued w/c 23 June 2014, with 4 week tender period.</p> <p>GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.</p> <p>PM noted that he understood the tenders had been issued.</p> <p>It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS &amp; BMCL to discuss the externals. Tenders are due back in 8<sup>th</sup> August 2014.</p> <p>GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p> <p>20/03/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was</p>	

			27/03/2014	being proposed to have a solid support rather than 'colander' style support. DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	
			22/05/2014	DP to progress.	
			12/06/2014	Work in progress, action on DP.	
			26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	
			03/07/2014	DP advised he would push on the write up of the proposed option.	
			10/07/2014	DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014.	
			31/07/2014	DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 13/08/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014	Please provide a cost to incorporate the undernoted works into the contract.  Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections of roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.	
			15/05/2014	GW noted this is WIP	

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			<p>22/05/2014</p> <p>29/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p> <p>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</p> <p>Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still outstanding and this element forms part of these works which are due to commence in the autumn.</p> <p>GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.</p> <p>DP advised that BMCL have had internal discussions and drawing being prepared re Hardgate Road/Car Park area for GCC.</p> <p>GW advised that the cost had been uploaded the previous day. PM agreed to review the quote asap.</p> <p>PM advised that he understood that BMCL had received the price back and that the NHS would go through the dwgs received. DH suggested that dwg 105 is missing from the pack (focus is on Hardgate Road) which was issued by WSP. DH had liaised with DS regarding the missing dwg as this is an important dwg to be reviewed. PM noted that he would be writing to GCC to ask why GCC has decided that the NHS should be responsible for new street lights on Hardgate Road. DH advised that dwgs to identify how many additional lights that GCC expect the NHS to do.</p>	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	<p>29/05/2014</p>	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as; 1) Narrative.</p>	



			<p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.  3) Bus shelter data sheet.  4) Bus shelter foundation detail.  PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.  GW advised that the costs were currently being uploaded for options A and B  PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.</p>	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.</p>	



2711	PMI 296	NSGH - SECTION 56/1 ROADWORKS – PROPOSED ALTERATIONS	01/07/2014   03/07/2014  10/07/2014 24/07/2014  31/07/2014	<p>Proposed amendment to south kerb line outside private dwelling houses on Govan Road.</p> <p>Following the meeting held on 27th June 2014, with Glasgow City Council, to discuss their proposed alterations to the approved Section 56/1 road layout on Govan Road the Board instruct Brookfield Multiplex to proceed with the following work. Redesign the road layout to match the GCC Fastlink layout (see attached); meet with GCC Land Engineering Services and agree to secure amendment to Section 56/1 approvals. Establish costs for all re-design work, construction works and factor in any omissions such as the middle island at the old hospital entrance.</p> <p>Refer attached drawings and narrative. Provide costs as noted above by 15th July 2014.</p> <p>GW advised he would provide the information to DCampbell however think he DCampbell will have safety concerns.</p> <p>Update to be provided to the NHS asap.</p> <p>GW advised that the costs had been uploaded the previous day. DS noted that BMCL anticipated being in receipt of the drawings by cop 25/07/2014. DS suggested that there should be a discussion with the NHS re the dialogue which needs to happen with GCC.</p> <p>PM noted that he had received a pack of drawings which he was reviewing. PM raised concern re the 3 lanes of traffic and suggested that the NHS should write to GCC to highlight collective concerns.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014   10/07/2014 24/07/2014 31/07/2014	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p>	
2778	PMI 298	Adult Atrium & NCH Entrance Lobby - Power supply & Additional Containment	25/07/2014  31/07/2014	<p>The Board confirm the requirement for 3 x 32A supplies terminated with isolators and additional containment routes for the installation of telecoms cabling by others at agreed locations in the Adult Atrium &amp; NCH Entrance Lobby to facilitate the future installation of ATM's.</p> <p>GW agreed to check that this instruction had been issued to Mercury.</p>	
2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014	<p>Additional survey work to foundations of existing building.</p> <p>Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.</p> <p>Please pre-survey all proposed areas with service detection equipment and hand dig as required.</p> <p>Establish agreed access with Board representatives and building users prior to commencement.</p> <p>Erect and maintain hoardings around all excavations, displaying all required safety and directional</p>	

				signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.  Consider all service pipes to be live.	
2837	PMI 300	- Patient Entertainment	13/08/2014	The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072	
2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping.	
2840	PMI 302	NCH Children's Park – Amendment to proposals	13/08/2014	The Board instruct BMCL to reposition the horizontal bars (Q52/119), remove the barrel net (Q52/119) and install 1no. inclusive roundabout (details attached) in lieu of the barrel net as per Gillespies marked up drawing.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
12819	CE 057 -	Equipment List - Groups 1 and 2	10/07/2014 24/07/2014 31/07/2014	Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position. PM noted that there was a query re 2 items on the list (a – cost for MA4 but no breakdown and b – public telephone cost). Up to date agreed equipment list to be provided to the NHS DH to discuss with AKerr	
12797	CE 056	NEUROSURGICAL BLOCK - UPGRADE OF MAIN ENTRANCE	30/07/2014	Upgrade and extension to main entrance. Proceed with design development to develop design for client sign off, submit planning application, develop programme, develop risk matrix and agree TP with Board. Confirm proceed with PMI 294. The fee below excludes Building Warrant fees.  CE agreed on system – 13/08/2014	13/08/2014

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) **DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCE on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14). PM requested that an update of the drawings is provided by 24/07/2014 (10/07/2014) DS noted that Joanne had confirmed that the revised drawings are under preparation and will be provided asap. (24/07/2014) **PM noted that he is awaiting a drawing (31/07/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) **GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014)**
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGReen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) **AFe advised that feedback is awaited from WSP (31/07/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) **Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the**

same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014)

- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a ‘control panel’. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of “at main entrance”. DH advised that he is of the view that this is a Firecode matter. The alarm location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board’s Fire Officer would need to agree that the location is ok (31/07/2014)
- Review of RDD Tracker

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 20/08/2014:


						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. <b>DR and GW in discussion re way forward</b>			
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. <b>DR and GW in discussion re way forward</b>			

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21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.	
			24/07/2014	DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.	
			31/07/2014	DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
			14/08/2014	AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August. Board to confirm acceptance	
			03/07/2014	PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.	
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.	

21894	BMCL-EWN-000148 -	Fibre optic cable diversion works Renfrew Road	02/07/2014	Brookfield Multiplex were expecting fibre cable diversions at Renfrew Road to be completed week commencing 16th June which was the date given to Currie & Brown by Cable and Wireless. Brookfield Multiplex were due to remove the existing brick wall two weeks prior to our kerbing starting 18th July (as per our latest programme). We have now been advised that the fibre cable diversion works will be completed on 19th July. We have also tried to gain a partial road closure permit to coincide with the 19th July to allow us to divert the footpath and tie-in the road kerbs, but GCC are refusing to grant this partial road closure due to the Commonwealth Games embargo.	
			03/07/2014	GW noted that BMCL should have been progressing the kerbing under the LE contract. DH advised that NMCL and NHS should not be accepting any charges from GGC as it is GCC that made the embargo which started in April. GW noted that there had also been a fault in the cable.	
			10/07/2014	DH advised that he will provide feedback to DP asap.	
			24/07/2014	DH noted that the Virgin works were 100% complete however it was proving difficult to get communication with C&W which is apparently not uncommon. A potential solution had been identified and was being checked out in relation to RCC implications. GW noted that the only work that can be undertaken in that area at the moment is take down the wall however BMCL were reluctant to start/stop works.	
			31/07/2014 14/08/2014	GT to liaise with AFe to discuss potential solution EW closed – refer to PMI	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 20/08/2014

						
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this. WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works. AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time. WIP by BMCL AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS. AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.		
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			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true


			17/04/2014	reflection of the buildings. DL requested that BMCL provide the cost information by mid May. PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.
			10/07/2014	PM noted that he understood the tenders had been issued.
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B

				costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.	
			16/01/2014	An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.	
			23/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			30/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a “colander effect”. DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			13/02/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
			27/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.	
			06/03/2014	DP expected to be able to provide a response to the NHS in the next 7-10 days.	
			20/03/2014	Report anticipated shortly	
			27/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			04/04/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than ‘colander’ style support.	
			10/04/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			17/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			24/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			08/05/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			15/05/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			22/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
				DP advised that he was continuing to pursue the formal report.	
				DP to progress.	

			12/0620/14 26.06.2014	Work in progress, action on DP. This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	
			03/07/2014 10/07/2014 31/07/2014 14/08/2014	DP advised he would push on the write up of the proposed option. DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014. DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014. <b>DP to provide update on return from leave</b>	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 20/08/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014  15/05/2014 22/05/2014  29/05/2014  05/06/2014 12/06/2014  26/06/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p> <p>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</p> <p>Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still</p>	

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			03/07/2014	outstanding and this element forms part of these works which are due to commence in the autumn. GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.	
			10/07/2014	DP advised that BMCL have had internal discussions and drawing being prepared re Hardgate Road/Car Park area for GCC.	
			24/07/2014	GW advised that the cost had been uploaded the previous day. PM agreed to review the quote asap.	
			31/07/2014	PM advised that he understood that BMCL had received the price back and that the NHS would go through the dwgs received. DH suggested that dwg 105 is missing from the pack (focus is on Hardgate Road) which was issued by WSP. DH had liaised with DS regarding the missing dwg as this is an important dwg to be reviewed. PM noted that he would be writing to GCC to ask why GCC has decided that the NHS should be responsible for new street lights on Hardgate Road. DH advised that dwgs to identify how many additional lights that GCC expect the NHS to do.	
			14/08/2014	PM advised that he would discuss this matter with DL and suggested that this item would become a CE in the next couple of weeks.	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.	
				The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.	
				Information confirmed as; 1) Narrative. 2) WSP Drg: WSP EW XX SK 771 117 Rev 03. 3) Bus shelter data sheet. 4) Bus shelter foundation detail.	
			10/07/2014	PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.	
			24/07/2014	GW advised that the costs were currently being uploaded for options A and B	
			31/07/2014	PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.	
			14/08/2014	PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out	

				of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p> <p>14/08/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.</p> <p>PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe</p>	



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2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE- DESIGN	20/08/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council.	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
12819	CE 057 -	Equipment List - Groups 1 and 2	10/07/2014  24/07/2014 31/07/2014 14/08/2014 21/08/2014	Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position. PM noted that there was a query re 2 items on the list (a – cost for MA4 but no breakdown and b – public telephone cost). Up to date agreed equipment list to be provided to the NHS DH to discuss with AKerr GW advised that BMCL were progressing this PMI GW to add in zero cost so CE can be closed.	
		NCH Park		To be raised in due course	

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014)



- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCL on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14). PM requested that an update of the drawings is provided by 24/07/2014 (10/07/2014) DS noted that Joanne had confirmed that the revised drawings are under preparation and will be provided asap. (24/07/2014) **PM noted that he is awaiting a drawing re main entrances (31/07/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) **GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014)**
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGreen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion and the wording was being agreed with WR (14/08/2014) **PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed t the same spec. PM agreed to liaise with FShaw (14/08/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) **PM noted this item is WIP (14/08/2014)**
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of "at main entrance". DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board's Fire Officer would need to agree that the location is ok (31/07/2014) **DP to provide update on return from leave (14/08/2014)**

- Pigeon sounder box – AFe noted that KConnelly had showed the sounder box to AFe at a meeting the previous day. AFe advised that if the NHS purchases the boxes then AFe would organize to get them fitted via Mercury. (14/08/2014)
- Review of RDD Tracker

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**


**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 27/08/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	

21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p>	<p>The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre.</p> <p>The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.</p> <p>Board to issue PMI to instruct additional monitoring and measuring</p> <p>DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.</p> <p>DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.</p> <p>DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.</p> <p>DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.</p> <p>AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.</p> <p><b>AFe noted that certification from SEPA had been received via IPowrie</b></p>	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p>	<p>The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015.</p> <p>The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.</p> <p>Board to confirm acceptance</p> <p>PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.</p> <p>DH advised that the draft permit was published in accordance with the timeline (7<sup>th</sup>).</p> <p>DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.</p> <p>DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10<sup>th</sup> August 2014.</p> <p>IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.</p> <p><b>It was noted that the pack was being issued later that day to SEPA</b></p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 27/08/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013</p> <p>17/10/2013</p> <p>24/10/2012</p> <p>07/11/2013</p> <p>21/11/2013</p> <p>12/12/2013</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e.information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP</p>	

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			<p>19/12/2013 test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>09/01/2014 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>16/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>23/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p> <p>15/05/2014 GW and AFe to do walkround early w/c 19/05 with HMc</p>	
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			22/05/2014	Walkabout scheduled on 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available	
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy are finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.	
			05/06/2014	PM to confirm if ok with BMCL demolition list.	
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.	
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.	
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.	
			10/07/2014	PM noted that he understood the tenders had been issued.	
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.	
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.	
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.	
			21/08/2014	AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1 <sup>st</sup> quarter next year.	


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20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.
			16/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.
			23/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.
			30/01/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.
			13/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days.
			27/02/2014	Report anticipated shortly
			06/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.
			15/05/2014	DP advised that he was continuing to pursue the formal report.
			22/05/2014	DP to progress.
			12/06/2014	Work in progress, action on DP.
			26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.

			03/07/2014 10/07/2014 31/07/2014 14/08/2014 21/08/2014	DP advised he would push on the write up of the proposed option. DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014. DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014. DP to provide update on return from leave AFe advised that PMc has raised some concerns (highlighted by Land Eng.) about the condition of the road down past the VIE. BMCL were to scarify and re-lay the tarmac but Land Eng. are saying that they don't think the road will last very long.	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 27/08/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2582	PMI 289	RESURFACING AND STREET LIGHTING WORKS	08/05/2014  15/05/2014 22/05/2014  29/05/2014  05/06/2014 12/06/2014  26/06/2014	<p>Please provide a cost to incorporate the undernoted works into the contract.</p> <p>Please provide a cost for each of the two areas, as indicated on the attached sketch at A and B, for the strip and relay of respective sections or roadway, and compaction of any softspots prior to resurfacing the area and making good junctions with adjacent new roads and margins, and graded to fall for existing cambers and drainage to existing gulleys. Provide also costs for replacement of existing street lighting columns and heads to match new being provided through the contract, and recabling underground and connection to main infrastructure. Generally making good all junctions with existing finishes and surfaces. Programme works as part of BMCE contract works for adjacent areas in both locations.</p> <p>GW noted this is WIP</p> <p>WIP heads for lights have been sourced but are not BStandard compliant which may be an issue for GCC. GW if these heads are not usable it will be necessary to have a further meeting with GCC. It was noted that Section 56(2) remains to be signed off. BMCL agreed to complete the process for lights and then revert back to NHS before progressing with GCC</p> <p>DS advised that he will liaise with DCampbell. BMCL do not want to do additional lights and will challenge any request to install additional lights. The suggested additional lights are based on the campus wide and outwith the BMCL project. GW noted that GCC has already resurfaced the the road which GCC have come back re the street lights. DR suggested that a cost for doing all the street lights should be obtained so can have discussion with GCC. GW noted that Mercury had difficulty identifying top fed lights.</p> <p>GW advised that price awaited back from Mercury and Land Engineering.</p> <p>Await costs from Land Engineering for road works element. Mercury to conclude options for lighting and BMCL to meet with Council to confirm if proposals are workable, different potential strategy for wiring noted.</p> <p>Ongoing discussion re top and bottom fed lighting solutions and their respective costs. BMCE need to develop a proposal and discuss with Glasgow City Council, approval of Section 56/2 still</p>	

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			03/07/2014	outstanding and this element forms part of these works which are due to commence in the autumn. GW advised that he was awaiting street lighting costs from Mercury – he had been chasing Mercury all week. DH advised that a technical submittal needs to be signed off to conclude the 56(2). GW advised that the section 56 information had been with GCC for 3 years and no-one had done any work re the street lighting. DH noted that the Team needs to be able to go back to GCC and confirm the way forward/technical solution. DP advised that BMCL would sort out the technical submittal internally to minimize the number of people involved in the process. DH advised that the street lighting had not been discussed with GCC however there is a need to be able to confirm that the technical solution is do-able.	
			10/07/2014	DP advised that BMCL have had internal discussions and drawing being prepared re Hardgate Road/Car Park area for GCC.	
			24/07/2014	GW advised that the cost had been uploaded the previous day. PM agreed to review the quote asap.	
			31/07/2014	PM advised that he understood that BMCL had received the price back and that the NHS would go through the dwgs received. DH suggested that dwg 105 is missing from the pack (focus is on Hardgate Road) which was issued by WSP. DH had liaised with DS regarding the missing dwg as this is an important dwg to be reviewed. PM noted that he would be writing to GCC to ask why GCC has decided that the NHS should be responsible for new street lights on Hardgate Road. DH advised that dwgs to identify how many additional lights that GCC expect the NHS to do.	
			14/08/2014	PM advised that he would discuss this matter with DL and suggested that this item would become a CE in the next couple of weeks.	
			21/08/2014	PM advised this PMI had been superseded by PMI 305 therefore PMI could be closed.	
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.	
				The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.	
				Information confirmed as; 1) Narrative. 2) WSP Drg: WSP EW XX SK 771 117 Rev 03. 3) Bus shelter data sheet. 4) Bus shelter foundation detail.	
			10/07/2014	PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.	
			24/07/2014	GW advised that the costs were currently being uploaded for options A and B	
			31/07/2014	PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.	
			14/08/2014	PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is	

			21/08/2014	<p>proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.</p> <p>DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.</p>	
2639	PMI 294 -	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p> <p>14/08/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.</p> <p>PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans.</p>	







			14/08/2014  21/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.  AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014          21/08/2014	Additional survey work to foundations of existing building.  Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.  Please pre-survey all proposed areas with service detection equipment and hand dig as required.  Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.  Consider all service pipes to be live. GW noted this is WIP	
2837	PMI 300	Patient Entertainment	13/08/2014  14/08/2014  21/08/2014	The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072  It was noted that a response had been provided to DH. AFe suggested that these works would require a lot of down taking of walls, bedheads in addition to cutting and retesting gases and putting in eco stud parttresses and BMCL were proposing that a pendant should be used instead. PM agreed to review the BMCL proposals on site. AFe acknowledged that there was a few other rooms where the patient entertainment had been missed out.  AFe advised that it was still to be identified if to be ceiling or wall mounted. BMCL were meeting with the subcontractor later that day to discuss the costs for the brackets. AFe advised that he would check out if the 5 rooms identified in the PMI could be wall mounted.	
2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014  14/08/2014 27/08/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping. GW advised that BMCL were progressing this PMI GW advised that he was waiting price information from Land Eng.	

2840	PMI 302	NCH Children's Park – Amendment to proposals	13/08/2014 14/08/2014 21/08/2014	The Board instruct BMCL to reposition the horizontal bars (Q52/119), remove the barrel net (Q52/119) and install 1no. inclusive roundabout (details attached) in lieu of the barrel net as per Gillespies marked up drawing. GW advised that BMCL were progressing this PMI Cost agreed. Item closed subject to CE being raised by PM	
2867	PMI 303	Adult Hospital Signage for all WC's	19/08/2014	The Board confirm that door signage other than disabled discs should not be fitted to ambulant, semi ambulant, disabled and ensuite facilities within the podium and ward stack. The attached list identifies those rooms affected and also confirms where disabled discs should be installed as per contract. All spare signs should be boxed and handed over to the Board representative at the end of the project. The Board will be fitting 'dementia' signage to all doors included on the attached list.	
2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE-DESIGN	20/08/2014  21/08/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council. Overview of the works to be done provided. Discussions with GCC ongoing in relation to the extent of the works. Costs to be covered through the section 75 monies. DS to progress dialogue with GCC.	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014  21/08/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289. GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
12819	CE 057	Equipment List - Groups 1 and 2	10/07/2014 24/07/2014 31/07/2014 14/08/2014 21/08/2014	Ref PMI 295 - CE required for recent amendments to the main equipment list. CE to close out current position. PM noted that there was a query re 2 items on the list (a – cost for MA4 but no breakdown and b – public telephone cost). Up to date agreed equipment list to be provided to the NHS DH to discuss with AKerr GW advised that BMCL were progressing this PMI GW to add in zero cost so CE can be closed.	

		NCH Park		CE to be raised by PM – cross ref PMI 302
		RESURFACING AND STREET LIGHTING WORKS		CE to be raised by PM – cross ref PMI 305

#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) **DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014)**
- Gas meter housing and entrances – Gilliespies to be contacted to provide information on this and the boundary wall and entrances to the hospitals. DS agreed to progress to provide details (13/03/2014) It was noted that there needed to be agreement about a) what was to be done at the 2 principal entrances and b) the wayfinding and art input to the entrances. GW noted that BMCL needed confirmation of the hospital name (20/03/2014) DS advised that BMCL would be meeting with Gillespies to progress the design for the whole of the entrance and once prepared presentation of the proposal would be provided to the NHS (27/03/2014) DS advised he had met with Gillespies and discussed what has to be done at Renfrew and Hardgate Road entrances and a whole entrance presentation will be provided to the NHS in June (04/04/2014) DS provided mark-ups to PM so can get clarity that going in correct directions. (15/05/2014) Interim meeting held and proposals being worked up (29/05/2014). Updated drawings awaited from BMCL. (12/06/2014). Revised drawings received from BMCE on 20/06/14 and comments returned to DS on 25/06/2014. (26/06/14). PM requested that an update of the drawings is provided by 24/07/2014 (10/07/2014) DS noted that Joanne had confirmed that the revised drawings are under preparation and will be provided asap. (24/07/2014) PM noted that he is awaiting a drawing re main entrances (31/07/2014) **AFe/GW agreed to chase up DS for the drawing (21/08/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) **GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014)**
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGreen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion

and the wording was being agreed with WR (14/08/2014) PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed to the same spec. PM agreed to liaise with FShaw (14/08/2014) AFe noted that there is communication going between WSP and Fairhurst – WIP to conclude (21/08/2014)



- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014)
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of "at main entrance". DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board's Fire Officer would need to agree that the location is ok (31/07/2014) DP to provide update on return from leave (14/08/2014)
- Review of RDD Tracker

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 03/09/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	


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21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.	
			24/07/2014	DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.	
			31/07/2014	DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
			14/08/2014	AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.	
			21/08/2014 28/08/2014	AFe noted that certification from SEPA had been received via IPowrie DH advised that it had been agreed with DP that a meeting should be set-up next week with IP. The first tests are due to be carried out in January 2015 which will be the baseline. It was noted that the SUDS wetlands redesign submission is 30 <sup>th</sup> September 2014. DS advised that everything is progressing satisfactorily and he would meet with DH to agree the wording.	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26 <sup>th</sup> of January 2015 and the contract completion date of 28 <sup>th</sup> February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7 <sup>th</sup> August 2014 with commissioning activities allowed to commence from the 21 <sup>st</sup> of August.	
			03/07/2014	Board to confirm acceptance PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will	



			14/08/2014 21/08/2014 28/08/2014	<p>be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10<sup>th</sup> August 2014.</p> <p>IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.</p> <p>It was noted that the pack was being issued later that day to SEPA</p> <p>DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 03/09/2014

					
SypID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to</p>	

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			<p>BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposed. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the</p>	
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				<p>BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.</p> <p>15/05/2014 GW and AFe to do walkround early w/c 19/05 with HMc</p> <p>22/05/2014 Walkabout scheduled for 27<sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available</p> <p>29/5/2014 PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy are finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.</p> <p>05/06/2014 PM to confirm if ok with BMCL demolition list.</p> <p>12/06/2014 Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&amp;E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.</p> <p>26/06/2014 Tenders issued w/c 23 June 2014, with 4 week tender period.</p> <p>03/07/2014 GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.</p> <p>10/07/2014 PM noted that he understood the tenders had been issued.</p> <p>24/07/2014 It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS &amp; BMCL to discuss the externals. Tenders are due back in 8<sup>th</sup> August 2014.</p> <p>31/07/2014 GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.</p> <p>14/08/2014 GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&amp;B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&amp;B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.</p> <p>21/08/2014 AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the</p>
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			28/08/2014	<p>Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014  23/01/2014  30/01/2014  13/02/2014  27/02/2014 06/03/2014  20/03/2014  27/03/2014  04/04/2014  10/04/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back</p>	

			17/04/2014	to the NHS GG&C Estates Dept.	
			24/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			08/05/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			15/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			22/05/2014	DP advised that he was continuing to pursue the formal report.	
			12/06/2014	DP to progress.	
			26.06.2014	Work in progress, action on DP.	
			03/07/2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	
			10/07/2014	DP advised he would push on the write up of the proposed option.	
			31/07/2014	DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014.	
			14/08/2014	DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014.	
			21/08/2014	DP to provide update on return from leave	
				DP to provide an update urgently as EW to be closed out asap.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 03/09/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol>	
			10/07/2014	PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.	
			24/07/2014	GW advised that the costs were currently being uploaded for options A and B	
			31/07/2014	PM advised that the pack of information was under review. DH noted that the QS was also	

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			<p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p>	<p>reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.</p> <p>PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.</p> <p>DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.</p> <p>GW noted that CE required asap – circa £126k – excludes the bus shelters. DH agreed to organize the CE. GW noted that the sub-contractors had been advised to proceed however BMCL needed a CE to cover the sub-contractor instructions. DS advised that he had seen correspondence advising that planning for the revised arrival square had been received. DS agreed to provide the NHS with a copy of the correspondence. (Cross ref CE 060)</p>	
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was</p>	

			<p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p>	<p>noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.</p> <p>PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day</p> <p>PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.</p> <p>DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16<sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28<sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&amp;E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	<p>04/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p>	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p>	

			31/07/2014	DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.	
			14/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.	
			21/08/2014	AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
			28/08/2014	It was noted that the price and the programme were to be provided to the NHS on 29/08/2014	
2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014	Additional survey work to foundations of existing building.  Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.  Please pre-survey all proposed areas with service detection equipment and hand dig as required.  Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.	
			21/08/2014	Consider all service pipes to be live. GW noted this is WIP	
			28/08/2014	GW advised that CE required asap. CE value circa £10k. DH enquired what the architectural fees are for and GW agreed to liaise with AKerr regarding the costs included in the quotation. (Cross ref CE 061)	
2837	PMI 300	Patient Entertainment	13/08/2014	The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072	
			14/08/2014	It was noted that a response had been provided to DH. AFe suggested that these works would require a lot of down taking of walls, bedheads in addition to cutting and retesting gases and putting in eco stud parttresses and BMCL were proposing that a pendant should be used instead. PM agreed to review the BMCL proposals on site. AFe acknowledged that there was a few other rooms where the patient entertainment had been missed out.	
			21/08/2014	AFe advised that it was still to be identified if to be ceiling or wall mounted. BMCL were meeting	



			28/08/2014	with the subcontractor later that day to discuss the costs for the brackets. AFe advised that he would check out if the 5 rooms identified in the PMI could be wall mounted. DL noted that the approval for the patient entertainment system for the Adult Hospital was nearing conclusion. GW advised that cost for the rooms identified in the PMI was still to be bottomed out with Mercury. DH advised that he understood that James Bailey would like to liaise with DH and DH would organize to speak to JBailey. DH suggested that the cost of the brackets can be drastically reduced on the basis of lessons learned at renal bays.	
2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014 14/08/2014 28/08/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping. GW advised that BMCL were progressing this PMI GW advised that he was waiting price information from Land Eng.	
2867	PMI 303	Adult Hospital Signage for all WC's	19/08/2014  28/08/2014	The Board confirm that door signage other than disabled discs should not be fitted to ambulant, semi ambulant, disabled and ensuite facilities within the podium and ward stack. The attached list identifies those rooms affected and also confirms where disabled discs should be installed as per contract. All spare signs should be boxed and handed over to the Board representative at the end of the project. The Board will be fitting 'dementia' signage to all doors included on the attached list. GW enquired how the NHS would like to deal with any savings realized suggesting this could be an equipment list item. NHS to confirm.	
2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE-DESIGN	20/08/2014  21/08/2014 28/08/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council. Overview of the works to be done provided. Discussions with GCC ongoing in relation to the extent of the works. Costs to be covered through the section 75 monies. DS to progress dialogue with GCC. DS advised that he was awaiting a meeting with GCC.(Cross ref CE 059)	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014  21/08/2014 28/08/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289. GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works. DH noted that there was a query regarding the CE value (£157k versus £237k). GW advised that he would review the CE value.	

## COMPENSATION EVENTS

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Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
	CE 058	NCH Park (Cross ref PMI 302)	03/09/2014	The Board confirm that BMCL should proceed with PMI 302 as per Gillespies marked up drawing: * remove the barrel net, * reposition the horizontal bars * incorporate 1 inclusive roundabout.  Agreed cost £5,063.74 including BMCL OH&P and excluding VAT	
	CE 059	Section 56/1 Roadworks – proposed alteration – introduction of layby	03/09/2014	The Board confirm that BMCL should proceed with PMI 304 and construct lay-by outside houses on Govan Road as per drawings approved by Glasgow City Council.  Agreed cost is £41,946.93 inc BMCL OH&P but ex VAT	
	CE 060	Arrival Square (Cross ref PMI 293)	03/09/2014	The Board confirm acceptance of the works as detailed in PMI 293 noting that the procurement of the bus shelters have been excluded from these works.  Agreed cost is £126,007.87 inc BMCL OH&P but exc VAT	
	CE 061	Neurosurgical Block Entrance Works (cross ref PMI 299)	03/09/2014	The Board confirm that BMCL should proceed with PMI 299 and carry out the surveys works as per marked up BMCL drawings.  The agreed price is £8,822.92 inc BMCL OH&P and exc VAT	
		RESURFACING AND STREET LIGHTING WORKS		CE to be raised by PM – cross ref PMI 305	

#### Other items that require discussion:



- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014)  
DP to be requested to provide update re progress to conclude matter asap (28/08/2014)

- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) **GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014)**
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGreen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion and the wording was being agreed with WR (14/08/2014) PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed to the same spec. PM agreed to liaise with FShaw (14/08/2014) **AFe noted that there is communication going between WSP and Fairhurst – WIP to conclude (21/08/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) **PM advised that he will prepare a plan on return from his annual leave (21/08/2014)**
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of "at main entrance". DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board's Fire Officer would need to agree that the location is ok (31/07/2014) DP to provide update on return from leave (14/08/2014) **DH agreed to liaise with GB (28/08/2014)**
- Condition of road down past the VIE – GW to raise EW
- **VIE – change to Air Products requirements – GW to raise EW**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 10/09/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward	

21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p> <p>04/09/2014</p>	<p>The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre.</p> <p>The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.</p> <p>Board to issue PMI to instruct additional monitoring and measuring</p> <p>DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.</p> <p>DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.</p> <p>DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.</p> <p>DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.</p> <p>AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.</p> <p>AFe noted that certification from SEPA had been received via IPowrie</p> <p>DH advised that it had been agreed with DP that a meeting should be set-up next week with IP. The first tests are due to be carried out in January 2015 which will be the baseline.</p> <p>It was noted that the SUDS wetlands redesign submission is 30<sup>th</sup> September 2014. DS advised that everything is progressing satisfactorily and he would meet with DH to agree the wording.</p> <p>DH noted that a meeting had been held the previous day to agree the site wide emission testing/monitoring would be undertaken by the NHS. DH noted that BMCL have some additional commissioning checks and further discussion required.</p>	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	<p>01/07/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p>	<p>The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26<sup>th</sup> of January 2015 and the contract completion date of 28<sup>th</sup> February 2015.</p> <p>The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7<sup>th</sup> August 2014 with commissioning activities allowed to commence from the 21<sup>st</sup> of August.</p> <p>Board to confirm acceptance</p> <p>PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.</p> <p>DH advised that the draft permit was published in accordance with the timeline (7<sup>th</sup>).</p> <p>DP advised that there had been a meeting with IAnders and there was an understanding of what needed</p>	

			<p>31/07/2014</p> <p>14/08/2014 21/08/2014 28/08/2014</p> <p>04/09/2014</p>	<p>to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.</p> <p>DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10<sup>th</sup> August 2014.</p> <p>IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.</p> <p>It was noted that the pack was being issued later that day to SEPA</p> <p>DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.</p> <p>DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 10/09/2014

						
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	<p>16/09/2013</p> <p>19/09/2013</p> <p>26/09/2013</p> <p>03/10/2013</p> <p>10/10/2013 17/10/2013</p> <p>24/10/2012</p>	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p>		

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			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true



			17/04/2014	reflection of the buildings. DL requested that BMCL provide the cost information by mid May. PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.
			10/07/2014	PM noted that he understood the tenders had been issued.
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B

			<p>21/08/2014</p> <p>28/08/2014</p> <p>04/09/2014</p>	<p>costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.</p> <p>AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p> <p>GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p>	

			27/02/2014	Report anticipated shortly	
			06/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	
			22/05/2014	DP to progress.	
			12/06/2014	Work in progress, action on DP.	
			26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	
			03/07/2014	DP advised he would push on the write up of the proposed option.	
			10/07/2014	DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014.	
			31/07/2014	DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014.	
			14/08/2014	DP to provide update on return from leave	
			21/08/2014	DP to provide an update urgently as EW to be closed out asap.	
			04/09/2014	DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 10/09/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol>	
			10/07/2014	<p>PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.</p>	
			24/07/2014	<p>GW advised that the costs were currently being uploaded for options A and B</p>	
			31/07/2014	<p>PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.</p>	
			14/08/2014	<p>PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.</p>	
			21/08/2014	<p>DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.</p>	
			28/08/2014	<p>GW noted that CE required asap – circa £126k – excludes the bus shelters. DH agreed to organize the CE. GW noted that the sub-contractors had been advised to proceed however BMCL needed a CE to cover the sub-contractor instructions. DS advised that he had seen correspondence advising</p>	

				that planning for the revised arrival square had been received. DS agreed to provide the NHS with a copy of the correspondence. (Cross ref CE 060)	
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.	
			05/06/2014	Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
			12/06/2014	Fees and programme to be provided by 16 <sup>th</sup> June 2014.	
			26/06/2014	Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.	
			03/07/2014	AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	
			10/07/2014	PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.	
			24/07/2014	GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.	
			31/07/2014	PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.	
			14/08/2014	PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day	
			21/08/2014	PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.	
			28/08/2014	DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at	

			04/09/2014	<p>the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16<sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28<sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&amp;E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.</p> <p>GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	<p>04/07/2014</p> <p>10/07/2014 24/07/2014 31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p>	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p>	

2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014	Additional survey work to foundations of existing building.  Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.  Please pre-survey all proposed areas with service detection equipment and hand dig as required.  Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.  Consider all service pipes to be live. GW noted this is WIP GW advised that CE required asap. CE value circa £10k. DH enquired what the architectural fees are for and GW agreed to liaise with AKerr regarding the costs included in the quotation. (Cross ref CE 061)  04/09/2014 DR suggested that the £10k is in the £160k. GW agreed to check and confirm back.	
2837	PMI 300	Patient Entertainment	13/08/2014	The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072	
			14/08/2014	It was noted that a response had been provided to DH. AFe suggested that these works would require a lot of down taking of walls, bedheads in addition to cutting and retesting gases and putting in eco stud partresses and BMCL were proposing that a pendant should be used instead. PM agreed to review the BMCL proposals on site. AFe acknowledged that there was a few other rooms where the patient entertainment had been missed out.	
			21/08/2014	AFe advised that it was still to be identified if to be ceiling or wall mounted. BMCL were meeting with the subcontractor later that day to discuss the costs for the brackets. AFe advised that he would check out if the 5 rooms identified in the PMI could be wall mounted.	
			28/08/2014	DL noted that the approval for the patient entertainment system for the Adult Hospital was nearing conclusion. GW advised that cost for the rooms identified in the PMI was still to be bottomed out with Mercury. DH advised that he understood that James Bailey would like to liaise with DH and DH would organize to speak to JBailey. DH suggested that the cost of the brackets can be drastically reduced on the basis of lessons learned at renal bays.	
			04/09/2014	DH advised that he was meeting with JBailey later that day.	



2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014 14/08/2014 28/08/2014 04/09/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping. GW advised that BMCL were progressing this PMI GW advised that he was waiting price information from Land Eng. GW noted that the costs had been uploaded to Sypro	
2867	PMI 303	Adult Hospital Signage for all WC's	19/08/2014   28/08/2014 04/09/2014	The Board confirm that door signage other than disabled discs should not be fitted to ambulant, semi ambulant, disabled and ensuite facilities within the podium and ward stack. The attached list identifies those rooms affected and also confirms where disabled discs should be installed as per contract. All spare signs should be boxed and handed over to the Board representative at the end of the project. The Board will be fitting 'dementia' signage to all doors included on the attached list. GW enquired how the NHS would like to deal with any savings realized suggesting this could be an equipment list item. NHS to confirm. GW suggested that there would be a saving of circa £1200 and the NHS were requested to confirm if this should be dealt with through the equipment list.	
2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE-DESIGN	20/08/2014  21/08/2014  28/08/2014 04/09/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council. Overview of the works to be done provided. Discussions with GCC ongoing in relation to the extent of the works. Costs to be covered through the section 75 monies. DS to progress dialogue with GCC. DS advised that he was awaiting a meeting with GCC.(Cross ref CE 059) Item closed as CE issued.	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014  21/08/2014 28/08/2014 04/09/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289. GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works. DH noted that there was a query regarding the CE value (£157k versus £237k). GW advised that he would review the CE value. GW noted that a CE was to be raised for BMCL. It was noted that DL would need to confirm the way forward.	

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
	CE 058	NCH Park (Cross ref PMI 302)	03/09/2014	The Board confirm that BMCL should proceed with PMI 302 as per Gillespies marked up drawing: * remove the barrel net, * reposition the horizontal bars * incorporate 1 inclusive roundabout.  Agreed cost £5,063.74 including BMCL OH&P and excluding VAT	09/09/2014
	CE 059	Section 56/1 Roadworks – proposed alteration – introduction of layby	03/09/2014	The Board confirm that BMCL should proceed with PMI 304 and construct lay-by outside houses on Govan Road as per drawings approved by Glasgow City Council.  Agreed cost is £41,946.93 inc BMCL OH&P but ex VAT	09/09/2014
	CE 060	Arrival Square (Cross ref PMI 293)	03/09/2014	The Board confirm acceptance of the works as detailed in PMI 293 noting that the procurement of the bus shelters have been excluded from these works.  Agreed cost is £126,007.87 inc BMCL OH&P but exc VAT <b>Post Note: Initial cost profile had not correctly included the Landscape Architect fees - revised agreed price is £134,681.03 inc BMCL OH&amp;P but exc VAT</b>	10/09/2014
	CE 061	Neurosurgical Block Entrance Works (cross ref PMI 299)	03/09/2014	The Board confirm that BMCL should proceed with PMI 299 and carry out the surveys works as per marked up BMCL drawings.  The agreed price is £8,822.92 inc BMCL OH&P and exc VAT <b>Noted that this CE may need to be cancelled.</b>	
		RESURFACING AND STREET LIGHTING WORKS		CE to be raised by PM – cross ref PMI 305	

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP

advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014)



- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that B<CL are awaiting the cost information from Siemens. (04/09/2014)
- Neo-natal link bridge drawings – AFe to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGreen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion and the wording was being agreed with WR (14/08/2014) PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed t the same spec. PM agreed to liaise with FShaw (14/08/2014) AFe noted that there is communication going between WSP and Fairhurst – WIP to conclude (21/08/2014) AFe noted this is WIP to conclude . (04/09/2014)
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014)
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of "at main entrance". DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board's Fire Officer would need to agree that the location is ok (31/07/2014) DP to provide update on return from leave (14/08/2014) DH agreed to liaise with GB (28/08/2014) DH noted that GBurnett was to get a statement from WSP fire and DH would liaise with GB asap . (04/09/2014)

- Condition of road down past the VIE – GW to raise EW (03/09/2014)
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 17/09/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward	

21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.	
			24/07/2014	DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.	
			31/07/2014	DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
			14/08/2014	AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.	
			21/08/2014	AFe noted that certification from SEPA had been received via IPowrie	
			28/08/2014	DH advised that it had been agreed with DP that a meeting should be set-up next week with IP. The first tests are due to be carried out in January 2015 which will be the baseline. It was noted that the SUDS wetlands redesign submission is 30 <sup>th</sup> September 2014. DS advised that everything is progressing satisfactorily and he would meet with DH to agree the wording.	
			04/09/2014	DH noted that a meeting had been held the previous day to agree the site wide emission testing/monitoring would be undertaken by the NHS. DH noted that BMCL have some additional commissioning checks and further discussion required.	
			11/09/2014	DH advised that costs are awaited from URS. Way forward agreed - NHS will do the air monitoring. Agreement re additional monitoring to be concluded. DP advised that he needed to understand what is required for the retained estate element.	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26 <sup>th</sup> of January 2015 and the contract completion date of 28 <sup>th</sup> February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7 <sup>th</sup> August 2014 with commissioning activities allowed to commence from the 21 <sup>st</sup> of August. Board to confirm acceptance	

			03/07/2014	PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible.	
			10/07/2014	BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			24/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
				DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.	
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.	
			21/08/2014	It was noted that the pack was being issued later that day to SEPA	
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.	
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.	
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 17/09/2014

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage.	
			19/09/2013	PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.	
			26/09/2013	WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.	
			03/10/2013	AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL	

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				programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.
			10/10/2013	WIP by BMCL
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.

			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.
			10/07/2014	PM noted that he understood the tenders had been issued.
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for


			<p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p> <p>04/09/2014</p> <p>11/09/2014</p>	<p>25/07/2014 for the NHS &amp; BMCL to discuss the externals. Tenders are due back in 8<sup>th</sup> August 2014. GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.</p> <p>GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&amp;B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&amp;B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.</p> <p>AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p> <p>GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.</p> <p>GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p>	

			<p>16/01/2014 An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>23/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>30/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>13/02/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>27/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>06/03/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>20/03/2014 Report anticipated shortly</p> <p>27/03/2014 DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>04/04/2014 DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>10/04/2014 DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>17/04/2014 GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>24/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>08/05/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>15/05/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>22/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>12/06/2014 DP advised that he was continuing to pursue the formal report.</p> <p>26.06.2014 DP to progress.</p> <p>03/07/2014 Work in progress, action on DP.</p> <p>10/07/2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>31/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>14/08/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>21/08/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>DP to provide update on return from leave</p> <p>DP to provide an update urgently as EW to be closed out asap.</p>
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			04/09/2014  11/09/2014	DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.  DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 17/09/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014          10/07/2014  24/07/2014 31/07/2014   14/08/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol> <p>PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.</p> <p>GW advised that the costs were currently being uploaded for options A and B</p> <p>PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.</p> <p>PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the</p>	

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			<p>21/08/2014</p> <p>28/08/2014</p> <p>11/09/2014</p>	<p>foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.</p> <p>DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.</p> <p>GW noted that CE required asap – circa £126k – excludes the bus shelters. DH agreed to organize the CE. GW noted that the sub-contractors had been advised to proceed however BMCL needed a CE to cover the sub-contractor instructions. DS advised that he had seen correspondence advising that planning for the revised arrival square had been received. DS agreed to provide the NHS with a copy of the correspondence. (Cross ref CE 060)</p> <p>It was noted that DS was to provide a copy confirming the planning amendment. PM suggested that this had already been circulated. AFe enquired if the NHS could provide the details for the bus stops so that the foundations can be understood. PM noted that the foundation detail had been included on the PMI.</p>	
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM</p>	

			14/08/2014	advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users. PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day	
			21/08/2014	PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.	
			28/08/2014	DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16 <sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28 <sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.	
			04/09/2014	GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.	
			11/09/2014	GW advised that the final cost proposal was with DR for review. DL noted that C&B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chilling and that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about	



				<p>patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.</p> <p>.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	<p>04/07/2014</p> <p>10/07/2014 24/07/2014 31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014 11/09/2014</p>	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried</p>	

				out. AFe suggested that it will be the new year before suppliers are on board.	
2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014          21/08/2014 28/08/2014  04/09/2014 11/09/2014	<p>Additional survey work to foundations of existing building.</p> <p>Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.</p> <p>Please pre-survey all proposed areas with service detection equipment and hand dig as required.</p> <p>Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.</p> <p>Consider all service pipes to be live. GW noted this is WIP GW advised that CE required asap. CE value circa £10k. DH enquired what the architectural fees are for and GW agreed to liaise with AKerr regarding the costs included in the quotation. (Cross ref CE 061) DR suggested that the £10k is in the £160k. GW agreed to check and confirm back. <b>It was agreed this item was closed. £10k already included in previous PMI/CE</b></p>	
2837	PMI 300	Patient Entertainment	13/08/2014   14/08/2014  21/08/2014  28/08/2014	<p>The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072</p> <p>It was noted that a response had been provided to DH. AFe suggested that these works would require a lot of down taking of walls, bedheads in addition to cutting and retesting gases and putting in eco stud pattresses and BMCL were proposing that a pendant should be used instead. PM agreed to review the BMCL proposals on site. AFe acknowledged that there was a few other rooms where the patient entertainment had been missed out.</p> <p>AFe advised that it was still to be identified if to be ceiling or wall mounted. BMCL were meeting with the subcontractor later that day to discuss the costs for the brackets. AFe advised that he would check out if the 5 rooms identified in the PMI could be wall mounted.</p> <p>DL noted that the approval for the patient entertainment system for the Adult Hospital was nearing conclusion. GW advised that cost for the rooms identified in the PMI was still to be bottomed out with Mercury. DH advised that he understood that James Bailey would like to liaise with DH and DH would organize to speak to JBailey. DH suggested that the cost of the brackets can be drastically reduced on the basis of lessons learned at renal bays.</p>	

			04/09/2014 11/09/2014	DH advised that he was meeting with JBailey later that day. DH advised this matter is work in progress. DH had met with JBailey. JBailey has done a detailed summary of the discussions and he would provide this to the NHS for confirming back. The majority will now be ceiling mounted. PMI to be provided to BMCL confirming way forward.	
2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014 14/08/2014 28/08/2014 04/09/2014 11/09/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping. GW advised that BMCL were progressing this PMI GW advised that he was waiting price information from Land Eng. GW noted that the costs had been uploaded to Sypro CE awaited	
2867	PMI 303	Adult Hospital Signage for all WC's	19/08/2014  28/08/2014 04/09/2014 11/09/2014	The Board confirm that door signage other than disabled discs should not be fitted to ambulant, semi ambulant, disabled and ensuite facilities within the podium and ward stack. The attached list identifies those rooms affected and also confirms where disabled discs should be installed as per contract. All spare signs should be boxed and handed over to the Board representative at the end of the project. The Board will be fitting 'dementia' signage to all doors included on the attached list. GW enquired how the NHS would like to deal with any savings realized suggesting this could be an equipment list item. NHS to confirm. GW suggested that there would be a saving of circa £1200 and the NHS were requested to confirm if this should be dealt with through the equipment list. Item closed – equipment list item.	
2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE-DESIGN	20/08/2014  21/08/2014  28/08/2014 04/09/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council. Overview of the works to be done provided. Discussions with GCC ongoing in relation to the extent of the works. Costs to be covered through the section 75 monies. DS to progress dialogue with GCC. DS advised that he was awaiting a meeting with GCC. (Cross ref CE 059) Item closed as CE issued.	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289.	

			21/08/2014	GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works.	
			28/08/2014	DH noted that there was a query regarding the CE value (£157k versus £237k). GW advised that he would review the CE value.	
			04/09/2014	GW noted that a CE was to be raised for BMCL. It was noted that DL would need to confirm the way forward.	
			11/09/2014	CE awaited	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE 060	Arrival Square (Cross ref PMI 293)	03/09/2014	The Board confirm acceptance of the works as detailed in PMI 293 noting that the procurement of the bus shelters have been excluded from these works.  Agreed cost is £126,007.87 inc BMCL OH&P but exc VAT <b>Post Note: Initial cost profile had not correctly included the Landscape Architect fees - revised agreed price is £134,681.03 inc BMCL OH&amp;P but exc VAT</b>	10/09/2014
	CE 061	Neurosurgical Block Entrance Works (cross ref PMI 299)	03/09/2014	The Board confirm that BMCL should proceed with PMI 299 and carry out the surveys works as per marked up BMCL drawings.  The agreed price is £8,822.92 inc BMCL OH&P and exc VAT Noted that this CE may need to be cancelled. <b>CE accepted at £0 value</b>	
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289.	
		Cable & Wireless Matters		To be raised	

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for

review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26/09/2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) **JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014)**

- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that BMCL are awaiting the cost information from Siemens. (04/09/2014) **GW advised that he was continuing to pursue and may ask for NHS assistance if one further attempt to get information from Siemens fails. GW will discuss with DL as necessary (11/09/2014)**
- Neo-natal link bridge drawings – AFe to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGreen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion and the wording was being agreed with WR (14/08/2014) PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed to the same spec. PM agreed to liaise with FShaw (14/08/2014) AFe noted that there is communication going between WSP and Fairhurst – WIP to conclude (21/08/2014) AFe noted this is WIP to conclude. (04/09/2014) **AFe noted that a formal response is awaited – AFe has been verbally advised that the position has been agreed between WSP and Fairhurst (11/09/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) **PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014)**
- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a 'control panel'. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the

Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of "at main entrance". DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board's Fire Officer would need to agree that the location is ok (31/07/2014) DP to provide update on return from leave (14/08/2014) DH agreed to liaise with GB (28/08/2014) DH noted that GBurnett was to get a statement from WSP fire and DH would liaise with GB asap. (04/09/2014) DH advised that he had received information from GBurnett – advised that everything is in compliance with the regs. DH will review and provide feedback if any issues are identified. (11/09/2014)

- Condition of road down past the VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014)
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014)
- 56/2 submission – DH requested that a copy of the 56/2 drawing be provided to the NHS (11/09/2014)
- Removal of trees – AFe noted that he had received a complaint letter for a local resident. BMCL were concerned that they would need to cut down some trees. DL advised that the NHS would need to liaise with resident(s). It was noted that the NHS accepts that some trees will need to come down (11/09/2014)
- MRI Transfer Programme – AFe noted that he had been advised the MRI transfer would be April/May and DH advised that the transfer MRI had always been proposed as April/May. AFe proposed that the panel to the link bridge should be fitted so that the link bridge is complete. DH suggested that the final panel should be left out. (11/09/2014)
- Pneumatic tube over the main road – DP noted that the tube needed to stay until the A&E moves into the hospitals. BMCL have an issue in that they don't have any road consents as was a construction site. PM advised that if the tube needs to be taken down then the NHS could potential look at porting costs for a month or so.
- Ogilvie Car Park – AFe advised that BMCL were due to carry out works to the car park to put it back to the condition they received it. DL advised he had asked Ogilvy if BMCL can leave it as is as the NHS are interested in the land. GW agreed to liaise with the Ogilvy lawyer (11/09/2014)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 24/09/2014:


						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward <b>DR and GW have agreed the way forward</b>			
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward <b>DR and GW have agreed the way forward</b>			



21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.	
			24/07/2014	DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.	
			31/07/2014	DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
			14/08/2014	AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.	
			21/08/2014	AFe noted that certification from SEPA had been received via IPowrie	
			28/08/2014	DH advised that it had been agreed with DP that a meeting should be set-up next week with IP. The first tests are due to be carried out in January 2015 which will be the baseline. It was noted that the SUDS wetlands redesign submission is 30 <sup>th</sup> September 2014. DS advised that everything is progressing satisfactorily and he would meet with DH to agree the wording.	
			04/09/2014	DH noted that a meeting had been held the previous day to agree the site wide emission testing/monitoring would be undertaken by the NHS. DH noted that BMCL have some additional commissioning checks and further discussion required.	
			11/09/2014	DH advised that costs are awaited from URS. Way forward agreed - NHS will do the air monitoring. Agreement re additional monitoring to be concluded. DP advised that he needed to understand what is required for the retained estate element.	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26 <sup>th</sup> of January 2015 and the contract completion date of 28 <sup>th</sup> February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7 <sup>th</sup> August 2014 with commissioning activities allowed to commence from the 21 <sup>st</sup> of August. Board to confirm acceptance	

			03/07/2014	PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.	
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.	
			21/08/2014	It was noted that the pack was being issued later that day to SEPA	
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.	
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.	
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 24/09/2014

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL</p>	
			19/09/2013		
			26/09/2013		
			03/10/2013		

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				programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.
			10/10/2013	WIP by BMCL
			17/10/2013	AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.
			24/10/2012	AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.
			07/11/2013	AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.
			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.
			12/12/2013	AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposed. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.

			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.	
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.	
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.	
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.	
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.	
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc	
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available	
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.	
			05/06/2014	PM to confirm if ok with BMCL demolition list.	
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.	
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.	
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.	
			10/07/2014	PM noted that he understood the tenders had been issued.	
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for	


			<p>31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014</p> <p>04/09/2014</p> <p>11/09/2014</p>	<p>25/07/2014 for the NHS &amp; BMCL to discuss the externals. Tenders are due back in 8<sup>th</sup> August 2014. GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.</p> <p>GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&amp;B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&amp;B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.</p> <p>AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p> <p>GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.</p> <p>GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p>	

			<p>16/01/2014 An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>23/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>30/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>13/02/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>27/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>06/03/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>20/03/2014 Report anticipated shortly</p> <p>27/03/2014 DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>04/04/2014 DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>10/04/2014 DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>17/04/2014 GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>24/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>08/05/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>15/05/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>22/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>12/06/2014 DP advised that he was continuing to pursue the formal report.</p> <p>26.06.2014 DP to progress.</p> <p>03/07/2014 Work in progress, action on DP.</p> <p>10/07/2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>31/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>14/08/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>21/08/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>DP to provide update on return from leave</p> <p>DP to provide an update urgently as EW to be closed out asap.</p>
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			04/09/2014  11/09/2014	DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.  DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 24/09/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014          10/07/2014  24/07/2014 31/07/2014   14/08/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol> <p>PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.</p> <p>GW advised that the costs were currently being uploaded for options A and B</p> <p>PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.</p> <p>PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the</p>	

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			<p>21/08/2014</p> <p>28/08/2014</p> <p>11/09/2014</p>	<p>foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formalise the arrival square works in the next couple of weeks.</p> <p>DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.</p> <p>GW noted that CE required asap – circa £126k – excludes the bus shelters. DH agreed to organize the CE. GW noted that the sub-contractors had been advised to proceed however BMCL needed a CE to cover the sub-contractor instructions. DS advised that he had seen correspondence advising that planning for the revised arrival square had been received. DS agreed to provide the NHS with a copy of the correspondence. (Cross ref CE 060)</p> <p>It was noted that DS was to provide a copy confirming the planning amendment. PM suggested that this had already been circulated. AFe enquired if the NHS could provide the details for the bus stops so that the foundations can be understood. PM noted that the foundation detail had been included on the PMI.</p>	
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	<p>30/05/2014</p> <p>05/06/2014</p> <p>12/06/2014</p> <p>26/06/2014</p> <p>03/07/2014</p> <p>10/07/2014</p> <p>24/07/2014</p> <p>31/07/2014</p>	<p>Upgrade and extension to main entrance area at ground and first floor level.</p> <p>Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).</p> <p>GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.</p> <p>Fees and programme to be provided by 16<sup>th</sup> June 2014.</p> <p>Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.</p> <p>AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).</p> <p>PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.</p> <p>GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.</p> <p>PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM</p>	

			14/08/2014	advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users. PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day	
			21/08/2014	PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.	
			28/08/2014	DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16 <sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28 <sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.	
			04/09/2014	GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.	
			11/09/2014	GW advised that the final cost proposal was with DR for review. DL noted that C&B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chillingand that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about	

				<p>patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	<p>04/07/2014</p> <p>10/07/2014 24/07/2014 31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014 11/09/2014</p>	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p>	

2784	PMI 299	NEUROSURGICAL BLOCK ENTRANCE - ADDITIONAL SURVEY	30/07/2014	Additional survey work to foundations of existing building.  Please proceed and undertake exploratory investigations to establish position and extent of existing foundations as per the attached marked up drawings supplied by Brookfield Multiplex.  Please pre-survey all proposed areas with service detection equipment and hand dig as required.  Establish agreed access with Board representatives and building users prior to commencement. Erect and maintain hoardings around all excavations, displaying all required safety and directional signage. Manage all excavated materials in a secure area for backfilling, make all finishes good once investigation works complete. Maintain safe access for pedestrians and vehicles at front of building at all times, where required provide Banksman to direct pedestrians and traffic. Provide method statements as requested for review by NHS Estates personnel.  Consider all service pipes to be live. GW noted this is WIP 21/08/2014 28/08/2014 GW advised that CE required asap. CE value circa £10k. DH enquired what the architectural fees are for and GW agreed to liaise with AKerr regarding the costs included in the quotation. (Cross ref CE 061) 04/09/2014 11/09/2014 DR suggested that the £10k is in the £160k. GW agreed to check and confirm back. <b>It was agreed this item was closed. £10k already included in previous PMI/CE</b>	
2837	PMI 300	Patient Entertainment	13/08/2014	The Board confirm, as previously noted, that wall mounted Patient Entertainment is required in the following rooms: * NCH-00-EMC-054 * NCH-01-MDU-021 * NCH-01-MDU-023 * NCH-02-ARU-004 * NCH-02-ARU-072	
			14/08/2014	It was noted that a response had been provided to DH. AFe suggested that these works would require a lot of down taking of walls, bedheads in addition to cutting and retesting gases and putting in eco stud pattresses and BMCL were proposing that a pendant should be used instead. PM agreed to review the BMCL proposals on site. AFe acknowledged that there was a few other rooms where the patient entertainment had been missed out.	
			21/08/2014	AFe advised that it was still to be identified if to be ceiling or wall mounted. BMCL were meeting with the subcontractor later that day to discuss the costs for the brackets. AFe advised that he would check out if the 5 rooms identified in the PMI could be wall mounted.	
			28/08/2014	DL noted that the approval for the patient entertainment system for the Adult Hospital was nearing conclusion. GW advised that cost for the rooms identified in the PMI was still to be bottomed out with Mercury. DH advised that he understood that James Bailey would like to liaise with DH and DH would organize to speak to JBailey. DH suggested that the cost of the brackets can be drastically reduced on the basis of lessons learned at renal bays.	
			04/09/2014 11/09/2014	DH advised that he was meeting with JBailey later that day. <b>DH advised this matter is work in progress. DH had met with JBailey. JBailey has done a detailed</b>	

				summary of the discussions and he would provide this to the NHS for confirming back. The majority will now be ceiling mounted.PMI to be provided to BMCL confirming way forward.	
2839	PMI 301	Request to hand dig trenches at Govan Rd/Renfrew Rd	13/08/2014 14/08/2014 28/08/2014 04/09/2014 11/09/2014	The Board confirm the request to hand dig slit trenches on Govan Road/Renfrew Road at the new entrance to expose and identify the Cable & Wireless service with a view to lowering/capping. GW advised that BMCL were progressing this PMI GW advised that he was waiting price information from Land Eng. GW noted that the costs had been uploaded to Sypro CE awaited	
2867	PMI 303	Adult Hospital Signage for all WC's	19/08/2014  28/08/2014 04/09/2014 11/09/2014	The Board confirm that door signage other than disabled discs should not be fitted to ambulant, semi ambulant, disabled and ensuite facilities within the podium and ward stack. The attached list identifies those rooms affected and also confirms where disabled discs should be installed as per contract. All spare signs should be boxed and handed over to the Board representative at the end of the project. The Board will be fitting 'dementia' signage to all doors included on the attached list. GW enquired how the NHS would like to deal with any savings realized suggesting this could be an equipment list item. NHS to confirm. GW suggested that there would be a saving of circa £1200 and the NHS were requested to confirm if this should be dealt with through the equipment list. Item closed – equipment list item.	
2872	PMI 304	NEW HOSPITALS SECTION 56/1 ROADWORKS GCC RE-DESIGN	20/08/2014  21/08/2014  28/08/2014 04/09/2014	Amendment to Section 56/1 approved roadworks on Govan Road. Glasgow City Council have issued their Fastlink route TRO, this requires the introduction of a lay-by outside houses on Govan Road, to include a disabled parking bay. Works to proceed on basis they will be funded by GCC.  Brookfield Multiplex are instructed to secure revised Section 56/1 consent from Glasgow City Council for this section of roadway, and subject to receipt of same, to proceed and construct lay-by as per the drawings approved by Glasgow City Council. Overview of the works to be done provided. Discussions with GCC ongoing in relation to the extent of the works. Costs to be covered through the section 75 monies. DS to progress dialogue with GCC. DS advised that he was awaiting a meeting with GCC.(Cross ref CE 059) Item closed as CE issued.	
2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289.	

			21/08/2014 28/08/2014 04/09/2014 11/09/2014	GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works. DH noted that there was a query regarding the CE value (£157k versus £237k). GW advised that he would review the CE value. GW noted that a CE was to be raised for BMCL. It was noted that DL would need to confirm the way forward. CE awaited	
2960	PMI 306	CABLE & WIRELESS FIBRE OPTIC CABLE - GOVAN & RENFREW ROAD	15/09/2014	Please proceed and lower this utility cable over length of the new Govan Road junction.  Please proceed and lower this utility cable over length of new junction (and into footpath as required to achieve datum below road surface), including the provision of split ducts, connection to existing inspection chambers and make all finishes good. Please take and provide a range of as fitted photographs of the works for the Board's retention and archive. Confirm costs for above works that are in addition to those instructed through PMI 301.	
2988	PMI 307	Patient Entertainment Screens	24/09/2014	The Board confirm acceptance of ceiling mounted patient entertainment screens in the locations on the attached list to minimise disruption to already completed and inspected areas.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
	CE 060	Arrival Square (Cross ref PMI 293)	03/09/2014	The Board confirm acceptance of the works as detailed in PMI 293 noting that the procurement of the bus shelters have been excluded from these works.  Agreed cost is £126,007.87 inc BMCL OH&P but exc VAT Post Note: Initial cost profile had not correctly included the Landscape Architect fees - revised agreed price is £134,681.03 inc BMCL OH&P but exc VAT	10/09/2014
	CE 061	Neurosurgical Block Entrance Works (cross ref PMI 299)	03/09/2014	The Board confirm that BMCL should proceed with PMI 299 and carry out the surveys works as per marked up BMCL drawings.  The agreed price is £8,822.92 inc BMCL OH&P and exc VAT Noted that this CE may need to be cancelled. CE accepted at £0 value	
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289.	



		Cable & Wireless Matters		To be raised	
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#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) **JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that BMCL are awaiting the cost information from Siemens. (04/09/2014) **GW advised that he was continuing to pursue and may ask for NHS assistance if one further attempt to get information from Siemens fails. GW will discuss with DL as necessary (11/09/2014)**
- Neo-natal link bridge drawings – AF to check and confirm reference to 25T load capacity/deflection characteristics of beam in Neonatal unit, this incumbent on WSP as designers and not the original design team. (19/06/14). WIP (26.06.14). AFe advised that he had been advised verbally that the beam is satisfactory to take the loading and written confirmation of this is awaited. (03/07/2014) DH noted that WR had seen a response on Aconex and has raised a query. TGReen has advised that no issues. PM will await confirmation from WR that response is satisfactory (10/07/2014) DH advised that he had checked Aconex and it appears that the query remains open on Aconex as it appears that there is 2 points outstanding (24/07/2014) AFe advised that feedback is awaited from WSP (31/07/2014) AFe advised that this matter was nearing conclusion and the wording was being agreed with WR (14/08/2014) PM advised that a list of all the finishes being put into the link is being requested so that other areas can be completed t the same spec. PM agreed to liaise with FShaw (14/08/2014) AFe noted that there is communication going between WSP and Fairhurst – WIP to conclude (21/08/2014) AFe noted this is WIP to conclude . (04/09/2014) **AFe noted that a formal response is awaited – AFe has been verbally advised that the position has been agreed between WSP and Fairhurst (11/09/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building.(03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be



out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014)

- Fire Alarm panels – location of front door fire alarm panels have been changed – signed off as a ‘control panel’. DH suggested that the positions needed to be reviewed against regs/guidance as the panels are not in direct access positions i.e. are behind reception counters. It is understood that all the cabling is in. DH suggested that the Building Control drawings would need to be checked and that BMCL should ask Scotshield to carry out the checks. (24/07/2014) DP noted that the panels are installed as per Building Control dwgs. Stakeholder liaison had been undertaken to check out the interpretation of “at main entrance”. DH advised that he is of the view that this is a Firecode matter. The adult location is satisfactory but the NCH is located deeper into the building than expected suggesting that the Board’s Fire Officer would need to agree that the location is ok (31/07/2014) DP to provide update on return from leave (14/08/2014) DH agreed to liaise with GB (28/08/2014) DH noted that GBurnett was to get a statement from WSP fire and DH would liaise with GB asap. (04/09/2014) DH advised that he had received information from GBurnett – advised that everything is in compliance with the regs. DH will review and provide feedback if any issues are identified. (11/09/2014)
- Condition of road down past the VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014)
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014)
- 56/2 submission – DH requested that a copy of the 56/2 drawing be provided to the NHS (11/09/2014)
- Removal of trees – Afe noted that he had received a complaint letter for a local resident. BMCL were concerned that they would need to cut down some trees. DL advised that the NHS would need to liaise with resident(s). It was noted that the NHS accepts that some trees will need to come down (11/09/2014)
- MRI Transfer Programme – AFe noted that he had been advised the MRI transfer would be April/May and DH advised that the transfer MRI had always been proposed as April/May. AFe proposed that the panel to the link bridge should be fitted so that the link bridge is complete. DH suggested that the final panel should be left out. (11/09/2014)
- Pneumatic tube over the main road – DP noted that the tube needed to stay until the A&E moves into the hospitals. BMCL have an issue in that they don’t have any road consents as was a construction site. PM advised that if the tube needs to be taken down then the NHS could potential look at porting costs for a month or so.



- Ogilvie Car Park – AFe advised that BMCL were due to carry out works to the car park to put it back to the condition they received it. DL advised he had asked Ogilvy if BMCL can leave it as is as the NHS are interested in the land. GW agreed to liaise with the Ogilvy lawyer (11/09/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 01/10/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward	
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward	

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21886	BMCL-EWN-000146	SEPA PPC - Additional monitoring and measuring	01/07/2014	The content of the draft PPC certificate BM have seen has the requirement for additional monitoring and measuring relating to plant within the Energy Centre. The requirement to conform with the draft permit conditions will incur additional costs which are as a direct result of a change in legislation requiring the PPC Certificate at commissioning stage and not operational stage.	
			03/07/2014	Board to issue PMI to instruct additional monitoring and measuring DP suggested that a meeting should be held to identify and agree a common way forward for the site and retained estate. BMCL propose to carry out the monitoring in November. DP proposed that a meeting should be held end of July. DH concurred that a common approach/methodology and agreed scope if required.	
			10/07/2014	DH advised that the additional monitoring scope will need to be identified/agreed once the permit has been issued. DH will check if URS can undertake the monitoring works and if so then obtain an order of the costs.	
			24/07/2014	DP advised that there was a meeting scheduled for beginning August to review the monitoring requirements for BMCL and the wider site.	
			31/07/2014	DP noted that a meeting to discuss compliance re NHS Green code had taken place the previous date and BMCL understand what is required. DH advised that he had spoken to Mark who had advised that they can do both the NHS and BMCL works. Scope of works will need to be provided to Mark so that an order of costs can be obtained.	
			14/08/2014	AFe noted that BMCL were liaising with URS re emissions. AFe to get an update from DP on return from leave.	
			21/08/2014	AFe noted that certification from SEPA had been received via IPowrie	
			28/08/2014	DH advised that it had been agreed with DP that a meeting should be set-up next week with IP. The first tests are due to be carried out in January 2015 which will be the baseline. It was noted that the SUDS wetlands redesign submission is 30 <sup>th</sup> September 2014. DS advised that everything is progressing satisfactorily and he would meet with DH to agree the wording.	
			04/09/2014	DH noted that a meeting had been held the previous day to agree the site wide emission testing/monitoring would be undertaken by the NHS. DH noted that BMCL have some additional commissioning checks and further discussion required.	
			11/09/2014	DH advised that costs are awaited from URS. Way forward agreed - NHS will do the air monitoring. Agreement re additional monitoring to be concluded. DP advised that he needed to understand what is required for the retained estate element.	
			25/09/2014	DH noted that the appointment of URS to carry out the monitoring works was to be undertaken by the NHS. The NHS will continue to liaise with BMCL re the Energy Centre. Monitoring will commence Jan 2015. It was agreed this item could be closed.	

21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.
			03/07/2014	Board to confirm acceptance PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.
			21/08/2014	It was noted that the pack was being issued later that day to SEPA
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.
			25/09/2014	DH noted that the wet lands/Suds pond report was to be concluded and it was anticipated it would be concluded later that day.

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013  19/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	

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			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled for 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available



			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.	
			05/06/2014	PM to confirm if ok with BMCL demolition list.	
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.	
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.	
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.	
			10/07/2014	PM noted that he understood the tenders had been issued.	
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.	
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.	
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.	
			21/08/2014	AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1 <sup>st</sup> quarter next year.	
			28/08/2014	GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have	

			04/09/2014	received the tenders back for the surveys and enabling works. GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.	
			11/09/2014	GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.	
			25/09/2014	DR advised that he had received the costs from BMCL. PM advised that he would like to see the drawings. GW agreed to provide the drawings, demo quote breakdown and Land Eng quote breakdown to PM.	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.	
			16/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			23/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			30/01/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
			13/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days.	
			27/02/2014	Report anticipated shortly	
			06/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	

			<p>17/04/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>24/04/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>08/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>15/05/2014 DP advised that he was continuing to pursue the formal report.</p> <p>22/05/2014 DP to progress.</p> <p>12/06/2014 Work in progress, action on DP.</p> <p>26.06.2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>03/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>10/07/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>31/07/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>14/08/2014 DP to provide update on return from leave</p> <p>21/08/2014 DP to provide an update urgently as EW to be closed out asap.</p> <p>04/09/2014 DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.</p> <p>11/09/2014 DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.</p> <p>25/09/2014 GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was logical and would stop the pipe from sludging up.</p>	
22802	NHS EW 053	Curtain Tracks	<p>26/09/2014 The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p>	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 01/10/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2637	PMI 293	ARRIVAL SQUARE - INSTRUCTION TO PROCEED	29/05/2014	<p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI.</p> <p>The Board instruct Brookfield Multiplex to proceed with design, costing and construction works based on the information attached to this PMI. Provide updated drawings for RDD sign off, for amendment to RCC through further submission to GCC.</p> <p>Information confirmed as;</p> <ol style="list-style-type: none"> <li>1) Narrative.</li> <li>2) WSP Drg: WSP EW XX SK 771 117 Rev 03.</li> <li>3) Bus shelter data sheet.</li> <li>4) Bus shelter foundation detail.</li> </ol>	
			10/07/2014	PM advised that he had received a revised spec for the bus shelter (smaller bus shelter proposed). PM would provide the revised spec via PMI and would liaise directly with BMCL rep dealing with this.	
			24/07/2014	GW advised that the costs were currently being uploaded for options A and B	
			31/07/2014	PM advised that the pack of information was under review. DH noted that the QS was also reviewing the information. PM noted that the Truform shelter is the largest element of the overall cost. DH advised that he had a query re ducts as he was of the understanding that BMCL should already have the ducts in. PM noted that 2 masts have been omitted.	
			14/08/2014	PM noted that he had met with GCC the previous day and it had been agreed that GCC will re-write a clause in the Section 75 agreement to include the arrival square works. PM advised that it is proposed to take the bus shelters and potentially the bus shelter foundations foundation works out of the BMCL contract as SPT are purchasing shelters for the wider transport scheme – the first 4 shelters to be purchased will be for the SGH site. AFe advised that he will ask Land Eng. to update their drawings. PM advised that he will liaise with PMcGuinness. AFe suggested that the foundation works for the shelters should be left in the BMCL contract as otherwise there could be a gap in the finished left/ground whilst waiting for the shelters works to be carried out. PM advised that he would discuss with DR and it was hoped to formulise the arrival square works in the next couple of weeks.	
			21/08/2014	DR advised that the price received from BMCL is under review. PM advised that the shelters were to be formally removed from the BMCL works however BMCL will be asked to put in the foundations and ducting.	
			28/08/2014	GW noted that CE required asap – circa £126k – excludes the bus shelters. DH agreed to organize the CE. GW noted that the sub-contractors had been advised to proceed however BMCL needed a CE to cover the sub-contractor instructions. DS advised that he had seen correspondence advising	

			11/09/2014	that planning for the revised arrival square had been received. DS agreed to provide the NHS with a copy of the correspondence. (Cross ref CE 060)	
			25/09/2014	It was noted that DS was to provide a copy confirming the planning amendment. PM suggested that this had already been circulated. AFe enquired if the NHS could provide the details for the bus stops so that the foundations can be understood. PM noted that the foundation detail had been included on the PMI.  PM advised he had met with PMc to discuss the foundation detail. Discussions were continuing with GCC re maintaining the 3 sets of lights that BMCL are putting in. Agreed this item could be closed.	
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.	
			05/06/2014	Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc).	
			12/06/2014	GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
			26/06/2014	Fees and programme to be provided by 16 <sup>th</sup> June 2014.	
			03/07/2014	Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.	
			10/07/2014	AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	
			24/07/2014	PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.	
			31/07/2014	GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.	
			14/08/2014	PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.	
				PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise	

			<p>the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day</p> <p>21/08/2014 PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.</p> <p>28/08/2014 DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16<sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28<sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&amp;E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.</p> <p>04/09/2014 GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.</p> <p>11/09/2014 GW advised that the final cost proposal was with DR for review. DL noted that C&amp;B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chillingand that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL</p>	
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			25/09/2014	<p>and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.</p> <p>DR advised that he had received the revised cost and would need to sit down and go through collectively. DP noted the GW needs to discuss with JM as GF and users may be thinking that there is additional changes to the scheme i.e. user want reception shut off. GW noted that the price is based on the pre-planning drawings and not building warrant drawings. PM advised that GF had been challenged to look to make additional savings. GF needs to meet with PH/GW and GB to agree the drawings and if was suggested that this meeting should be arranged for 30/09/2014. PM advised that he would get GF to organize the meeting.</p>	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	<p>04/07/2014</p> <p>10/07/2014 24/07/2014 31/07/2014</p> <p>14/08/2014</p> <p>21/08/2014</p> <p>28/08/2014 11/09/2014</p>	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried</p>	





2873	PMI 305	RESURFACING AND STREET LIGHTING WORKS	20/08/2014  21/08/2014 28/08/2014 04/09/2014 11/09/2014 25/09/2014	Resurfacing and new street lighting to a section of roadway on Hardgate Road, and a length of roadway within the campus opposite the current Management Building. Both sections of roadway sit outside Brookfields current scope of works.  Proceed with works as described and costed as part of PMI 289. GW noted that a CE needed to be issued to BMCL. BMCL meeting with Mercury later that day and BMCL will instruct Land Eng. and Mercury to carry out the works. DH noted that there was a query regarding the CE value (£157k versus £237k). GW advised that he would review the CE value. GW noted that a CE was to be raised for BMCL. It was noted that DL would need to confirm the way forward. CE awaited CE 062 issues therefore this PMI can be closed. PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap.	
2960	PMI 306	CABLE & WIRELESS FIBRE OPTIC CABLE - GOVAN & RENFREW ROAD	15/09/2014    25/09/2014	Please proceed and lower this utility cable over length of the new Govan Road junction.  Please proceed and lower this utility cable over length of new junction (and into footpath as required to achieve datum below road surface), including the provision of split ducts, connection to existing inspection chambers and make all finishes good. Please take and provide a range of as fitted photographs of the works for the Board's retention and archive. Confirm costs for above works that are in addition to those instructed through PMI 301. GW noted that price awaited from Land Eng.	
2988	PMI 307	Patient Entertainment Screens	24/09/2014 25/09/2014	The Board confirm acceptance of ceiling mounted patient entertainment screens in the locations on the attached list to minimise disruption to already completed and inspected areas. Agreed item closed	25/09/2014

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014 25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	

		Cable & Wireless Matters		To be raised	
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#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) **DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that BMCL are awaiting the cost information from Siemens. (04/09/2014) GW advised that he was continuing to pursue and may ask for NHS assistance if one further attempt to get information from Siemens fails. GW will discuss with DL as necessary (11/09/2014) **Item closed - BMCL has got their order placed now. (25/09/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) **PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it**



appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014)

- Condition of road down past the new VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014) GW advised that Land Eng have been asked to provide a cost for the works (25/09/2014)
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014)
- Removal of trees – Afe noted that he had received a complaint letter for a local resident. BMCL were concerned that they would need to cut down some trees. DL advised that the NHS would need to liaise with resident(s). It was noted that the NHS accepts that some trees will need to come down (11/09/2014) PM requested that BMCL provide a copy of the drawing so that the number of trees to be taken down can be identified so MMcA can liaise with the residents. PMs agreed to speak to PMcG (25/09/2014).
- Pneumatic tube over the main road – DP noted that the tube needed to stay until the A&E moves into the hospitals. BMCL have an issue in that they don't have any road consents as was a construction site. PM advised that if the tube needs to be taken down then the NHS could potential look at portering costs for a month or so. (11/09/2014) It was noted that DP needs confirmation of when the Board need the pneumatic tube taken down. PM agreed to liaise with KConnelly. DH noted that the first bus to A&E is planned for 1<sup>st</sup> week May 2015.
- Ogilvie Car Park – AFe advised that BMCL were due to carry out works to the car park to put it back to the condition they received it. DL advised he had asked Ogilvy if BMCL can leave it as is as the NHS is interested in the land. GW agreed to liaise with the Ogilvy lawyer (11/09/2014) PM advised that the NHS are currently getting DV valuation on 2 plots of land. GW advised that BMCL were starting to get concerned about the time left remaining to put the car park back to the same condition it was when BMCL took it over. PM suggested that GW liaised directly with DL. DS suggested that BMCL should progress to fulfill contract with Ogilvy. (25/09/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 08/10/2014:

						 
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward		
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014 24/07/2014 11/09/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward		

21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.
			03/07/2014	Board to confirm acceptance PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.
			21/08/2014	It was noted that the pack was being issued later that day to SEPA
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.
			25/09/2014	DH noted that the wet lands/Suds pond report was to be concluded and it was anticipated it would be concluded later that day.
			02/10/2014	DP advised that the report had been concluded and issued to SEPA



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013 19/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>Meeting of AK and PM to be arranged to discuss AK queries.</p>	



			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.
			24/04/2014	PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available

			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.	
			05/06/2014	PM to confirm if ok with BMCL demolition list.	
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.	
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.	
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.	
			10/07/2014	PM noted that he understood the tenders had been issued.	
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.	
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.	
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.	
			21/08/2014	AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1 <sup>st</sup> quarter next year.	
			28/08/2014	GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have	

			04/09/2014	received the tenders back for the surveys and enabling works. GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.	
			11/09/2014	GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.	
			25/09/2014	DR advised that he had received the costs from BMCL. PM advised that he would like to see the drawings. GW agreed to provide the drawings, demo quote breakdown and Land Eng quote breakdown to PM.	
			02/10/2014	GW advised that he would provide the drawings and quote information later that day	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue. An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.	
			16/01/2014	DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.	
			23/01/2014	DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury & Decca Plastics.	
			30/01/2014	DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.	
			13/02/2014	DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert. DP expected to be able to provide a response to the NHS in the next 7-10 days.	
			27/02/2014	Report anticipated shortly	
			06/03/2014	DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	

			<p>10/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>17/04/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>24/04/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>08/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>15/05/2014 DP advised that he was continuing to pursue the formal report.</p> <p>22/05/2014 DP to progress.</p> <p>12/06/2014 Work in progress, action on DP.</p> <p>26.06.2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>03/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>10/07/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>31/07/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>14/08/2014 DP to provide update on return from leave</p> <p>21/08/2014 DP to provide an update urgently as EW to be closed out asap.</p> <p>04/09/2014 DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.</p> <p>11/09/2014 DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.</p> <p>25/09/2014 GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was logical and would stop the pipe from sludging up.</p> <p>02/10/2014 PM advised that information had been provided to IP for forwarding to HFS. DP advised that BMCL will be progressing on the basis of the information provided, system N+1 therefore changes can be made as late as January 2015.</p>	
22802	NHS EW 053	Curtain Tracks	<p>26/09/2014 The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 08/10/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.	
			05/06/2014	Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
			12/06/2014	Fees and programme to be provided by 16 <sup>th</sup> June 2014.	
			26/06/2014	Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.	
			03/07/2014	AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	
			10/07/2014	PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.	
			24/07/2014	GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.	
			31/07/2014	PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.	
			14/08/2014	PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe	

			<p>21/08/2014</p> <p>28/08/2014</p> <p>04/09/2014</p> <p>11/09/2014</p>	<p>advised that an update will be provided at the logistics meeting scheduled to take place later that day</p> <p>PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.</p> <p>DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16<sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28<sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&amp;E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.</p> <p>GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.</p> <p>GW advised that the final cost proposal was with DR for review. DL noted that C&amp;B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chillingand that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had</p>	
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			25/09/2014	suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.	
			02/10/2014	DR advised that he had received the revised cost and would need to sit down and go through collectively. DP noted the GW needs to discuss with JM as GF and users may be thinking that there is additional changes to the scheme i.e. user want reception shut off. GW noted that the price is based on the pre-planning drawings and not building warrant drawings. PM advised that GF had been challenged to look to make additional savings. GF needs to meet with PH/GW and GB to agree the drawings and if was suggested that this meeting should be arranged for 30/09/2014. PM advised that he would get GF to organize the meeting. PM advised that meeting held the previous day and NHS trying to meet with Estates colleagues and CGrindlay will be invited along to this meeting, drawing provided by CGrindlay, NHS have a couple of options to consider. It was acknowledged that the NHS are not aware of the condition of the existing services at this time.	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.	
			10/07/2014	PM advised that he was awaiting cost for the feasibility study.	
			24/07/2014	PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.	
			31/07/2014	DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.	
			14/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.	
			21/08/2014	AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
			28/08/2014	It was noted that the price and the programme were to be provided to the NHS on 29/08/2014	
			11/09/2014	DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.  Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL	





Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014  25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289.  Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	
	CE063	FIBRE OPTIC CABLE DIVERSION GOVAN ROAD	03/10/2014	The Board confirm acceptance of your quotations in response to PMI's 301 and 306. The works are to carry out investigatory digs across the Govan Rd bell mouth to the Boulevard, to establish location of fibre optic cable and subsequently lower the cable to a safe working depth under the new roadway. Two quotations in the gross amount of £8,834.96 inclusive of OH+P are accepted by the Board for these works.	

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) **DP noted this matter is WIP (2/10/2014)**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that BMCL are awaiting the cost information from Siemens. (04/09/2014) GW advised that he was continuing to pursue and may ask for NHS assistance if one further attempt to get information from Siemens fails. GW will discuss with DL as necessary (11/09/2014) Item closed - BMCL has got

their order placed now. (25/09/2014) PM noted that GCC reps have indicated that they will want reps to visit site to see the ducts being installed etc. AFe advised that PM should liaise with PMcG (02/10/2014)



- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014)
- Condition of road down past the new VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014) GW advised that Land Eng have been asked to provide a cost for the works (25/09/2014) GW advised that he would progress obtaining the quote from Land Eng (02/10/2014)
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifold the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014)
- Removal of trees – Afe noted that he had received a complaint letter for a local resident. BMCL were concerned that they would need to cut down some trees. DL advised that the NHS would need to liaise with resident(s). It was noted that the NHS accepts that some trees will need to come down (11/09/2014) PM requested that BMCL provide a copy of the drawing so that the number of trees to be taken down can be identified so MMCA can liaise with the residents. PMs agreed to speak to PMcG (25/09/2014). PM advised that the local residents had been written to and the NHS would deal with any responses back. PM requested that the tree in the corner is not removed but cut down and the stump grinded away or left to rot (02/10/2014)

- Pneumatic tube over the main road – DP noted that the tube needed to stay until the A&E moves into the hospitals. BMCL have an issue in that they don't have any road consents as was a construction site. PM advised that if the tube needs to be taken down then the NHS could potential look at portering costs for a month or so. (11/09/2014) It was noted that DP needs confirmation of when the Board need the pneumatic tube taken down. PM agreed to liaise with KConnelly. DH noted that the first bus to A&E is planned for 1<sup>st</sup> week May 2015. (09/2014) PM suggested that the NHS would want to keep the road closed until April. DP advised that the plans to remove the pneumatic tube would be prepared once confirmation is received from the NHS re date road to be opened (02/10/2014)
- Ogilvie Car Park – AFe advised that BMCL were due to carry out works to the car park to put it back to the condition they received it. DL advised he had asked Ogilvy if BMCL can leave it as is as the NHS is interested in the land. GW agreed to liaise with the Ogilvy lawyer (11/09/2014) PM advised that the NHS are currently getting DV valuation on 2 plots of land. GW advised that BMCL were starting to get concerned about the time left remaining to put the car park back to the same condition it was when BMCL took it over. PM suggested that GW liaised directly with DL. DS suggested that BMCL should progress to fulfill contract with Ogilvy. (25/09/2014) PM advised that the instruction is that BMCL should do what they need to do to protect their interests. The NHS has 2 district valuations for sites. AFe noted that BMCL have written to Ogilvy lawyers to ask if ok to leave the tarmac and stone insitu. GW advised that SP have removed the meter. (02/10/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 29/10/2014:

						 
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status	
20519	BMCL-EWN-141	December 13 Exceptional weather conditions	31/01/2014  06/02/2014 13/02/2014 20/02/2014 27/02/2014 06/03/2014 13/03/2014 20/03/2014  27/03/2014 03/04/2014  10/04/2014 24/04/2014 01/05/2014 05/06/2014 12/06/2014 26/06/2014 24/07/2014 11/09/2014 09/10/2014  23/10/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during December 13. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. It was noted that BMCL were preparing the information pack of the impacts of the adverse weather. GW to discuss info with DR GW tables costs and supporting information for review by C&B DR has to make recommendations on information provided from BMCL DR now has costs from BMCL to review and will revert back to BMCL DR reported that he had the report and was to review with DWL and then discuss with GW GW noted that BMCL were awaiting an update from DR re the information provided by BMCL to support the exceptional weather claim. DR advised that he would conclude the information for provision to DL. DR advised that he will meet with DL to take him through the information and will thereafter provide feedback to GW. Noted that DR was to meet with DL. DL noted that DR would discuss with GW asap Ongoing GW advised this is to be wrapped up in the INS entrance works. Ongoing. C&B to contact GW to discuss. DR and GW in discussion re way forward DR and GW have agreed the way forward DR advised that the costs for the weather event had been agreed and a CE would be issued. This item could now be closed. CLOSED		
20870	BMCL-EWN-142	February 14 Exceptional Weather Conditions	06/03/2014  13/03/2014  20/03/2014 27/03/2014 01/05/2014 26/06/2014	In accordance with our contractual obligations, we are writing to notify you that we have experienced an exceptional weather event during February 14. We consider these events to be such that it would be expected less than 1 in every 10 years and therefore notify under Clause 60.1 (13) of the Contract. DH and GW need to discuss the manual adjustments to the 1 in 10 year event calculations for total rainfall and review amendment as worst event was below average. GW to provide back-up information GW noted that he was awaiting the outcome of EWN 141 –December Exceptional Weather Ongoing. C&B to contact GW to discuss.		

			24/07/2014 11/09/2014 09/10/2014 23/10/2014	DR and GW in discussion re way forward DR and GW have agreed the way forward As above. CLOSED	
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014  03/07/2014  10/07/2014 24/07/2014  31/07/2014  14/08/2014 21/08/2014 28/08/2014  04/09/2014  11/09/2014  25/09/2014  02/10/2014 09/10/2014	<p>The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.</p> <p>Board to confirm acceptance</p> <p>PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.</p> <p>DH advised that the draft permit was published in accordance with the timeline (7<sup>th</sup>).</p> <p>DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.</p> <p>DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10<sup>th</sup> August 2014.</p> <p>IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.</p> <p>It was noted that the pack was being issued later that day to SEPA</p> <p>DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.</p> <p>DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.</p> <p>It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.</p> <p>DH noted that the wet lands/Suds pond report was to be concluded and it was anticipated it would be concluded later that day.</p> <p>DP advised that the report had been concluded and issued to SEPA</p> <p>DP advised that the next batch of reports are due today and tomorrow (09/10 &amp; 10/10) and BMCL are progressing as per programme. DR enquired about the programme for the petrol interceptor and DP</p>	

			23/10/2014	<p>advised that the interceptor is on order and the delivery timescale is circa 6 weeks and there is circa 8 weeks of works to be done in that area. PM noted that he understood the interceptor was to be installed at the north side of the energy centre in the concrete bay and this was confirmed</p> <p>Tank has arrived on site and is programmed to be installed week commencing Monday 27/10/2014. DS has requested the information on the oil retention material from WSP. Timescale for response required to be passed to DH in order that SEPA can be updated.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 09/10/2014

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion. AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates</p>	

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			<p>provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p> <p>08/05/2014 It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL</p>	
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			<p>28/08/2014</p> <p>04/09/2014</p> <p>11/09/2014</p> <p>25/09/2014</p> <p>02/10/2014</p> <p>09/10/2014</p> <p>23/10/2014</p>	<p>park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p> <p>GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.</p> <p>GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.</p> <p>DR advised that he had received the costs from BMCL. PM advised that he would like to see the drawings. GW agreed to provide the drawings, demo quote breakdown and Land Eng quote breakdown to PM.</p> <p>GW advised that he would provide the drawings and quote information later that day</p> <p>PM requested that GW provided the drawings on Sypro and GW agreed to provide these asap.</p> <p>AFe enquired about if BMCL would be receiving a PMI for the demolition works and DR advised that the NHS had decided to deal with the demolitions separately from the Car Park works as the Board need to identify funding for the car parking.</p> <p>DR noted that MSCar Park 3 was due to be advertised on 10/10/2014.</p> <p><b>Drawings have been provided by GW. Programme is being reviewed and DWL will update. AFe suggested a meeting to confirm plans and demolition line. It was agreed that this item can now be CLOSED</b></p>	
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p>	

			<p>27/02/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>06/03/2014 Report anticipated shortly</p> <p>20/03/2014 DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>27/03/2014 DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>04/04/2014 DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>10/04/2014 GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>17/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>24/04/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>08/05/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>15/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>22/05/2014 DP advised that he was continuing to pursue the formal report.</p> <p>12/06/2014 DP to progress.</p> <p>26.06.2014 Work in progress, action on DP.</p> <p>03/07/2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>10/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>31/07/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>14/08/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>21/08/2014 DP to provide update on return from leave</p> <p>04/09/2014 DP to provide an update urgently as EW to be closed out asap.</p> <p>11/09/2014 DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.</p> <p>25/09/2014 DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.</p> <p>GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was</p>
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			02/10/2014	logical and would stop the pipe from sludging up. PM advised that information had been provided to IP for forwarding to HFS. DP advised that BMCL will be progressing on the basis of the information provided, system N+1 therefore changes can be made as late as January 2015.	
			09/10/2014	PM enquired if a response was awaited from IP and DP confirmed that BMCL were awaiting a response. PM advised he would liaise with IP.	
			23/10/2014	DH agreed to check on the progress of this. AFe reported that the columns have had perforations and slots cut and it will now be necessary to check that HFS are satisfied with the proposed solution - DH agreed to check with IP whether any response has been received.	
22802	NHS EW 053	Curtain Tracks	26/09/2014	The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients. Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.	
			09/10/2014 24/10/2014	PM advised that he would discuss this internally and report back. A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between two curtains when pulled fully closed.- sub-contractor will be asked to review and amend the track if required.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 09/10/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.	
			05/06/2014	Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
			12/06/2014	Fees and programme to be provided by 16 <sup>th</sup> June 2014.	
			26/06/2014	Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.	
			03/07/2014	AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	

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			10/07/2014	PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.
			24/07/2014	GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.
			31/07/2014	PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.
			14/08/2014	PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day
			21/08/2014	PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.
			28/08/2014	DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16 <sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28 <sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire

			04/09/2014	exit works. GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.	
			11/09/2014	GW advised that the final cost proposal was with DR for review. DL noted that C&B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chilling and that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.	
			25/09/2014	DR advised that he had received the revised cost and would need to sit down and go through collectively. DP noted the GW needs to discuss with JM as GF and users may be thinking that there is additional changes to the scheme i.e. user want reception shut off. GW noted that the price is based on the pre-planning drawings and not building warrant drawings. PM advised that GF had been challenged to look to make additional savings. GF needs to meet with PH/GW and GB to agree the drawings and if was suggested that this meeting should be arranged for 30/09/2014. PM advised that he would get GF to organize the meeting.	
			02/10/2014	PM advised that meeting held the previous day and NHS trying to meet with Estates colleagues and CGrindlay will be invited along to this meeting, drawing provided by CGrindlay, NHS have a couple of options to consider. It was acknowledged that the NHS are not aware of the condition of the existing services at this time.	
			09/10/2014	DR advised that a report had been prepared and was being revised in line with minor comments received from DL. DL would be discussing the report with RC Calderwood asap. PM advised that it was anticipated that a way forward would be confirmed soon. PM noted that it would still be beneficial if Colin could provide the cost info. PM noted that Planning permission was still awaited. PM noted that some drawings had been missed in someone's e-mail box and this may have delayed the submission of drawings to GCC. AFe requested that GW liaised with GBurnett re linking in with JMiller in order to progress the planning application.	
			23/10/2014	Planning permission is awaited. A meeting to review the M&E costs for the main entrance is scheduled for Friday.	
2721	PMI 297 A51679245	NEUROSURGICAL	04/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General	



		BUILDING OVERCLAD PROJECT		<p>Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p>	
			10/07/2014	PM advised that he was awaiting cost for the feasibility study.	
			24/07/2014	PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.	
			31/07/2014	DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.	
			14/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.	
			21/08/2014	AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
			28/08/2014	It was noted that the price and the programme were to be provided to the NHS on 29/08/2014	
			11/09/2014	DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.	
				<p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p>	
			25/09/2014	DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up & down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overclad design review could be carried out in the same meeting.	
			02/10/2014	PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and	



Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
451630315	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014  25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing	

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				asap. DS agreed to discuss with DCampbell	
	CE063	FIBRE OPTIC CABLE DIVERSION GOVAN ROAD	03/10/2014  23/10/2014	The Board confirm acceptance of your quotations in response to PMI's 301 and 306. The works are to carry out investigatory digs across the Govan Rd bell mouth to the Boulevard, to establish location of fibre optic cable and subsequently lower the cable to a safe working depth under the new roadway. Two quotations in the gross amount of £8,834.96 inclusive of OH+P are accepted by the Board for these works. Item can be CLOSED	
	CE 064	Section 56/1 - 6 No. Additional Street Lights, Columns & Cabling to Hardgate Road	09/10/2014  23/10/2014	Please procure and install 6 No. additional street lights within the Section 56/1 area of work as required by Glasgow City Council. Please refer attached drawing and cost breakdown as prepared by BMCE.  Quotation as provided amounts to £42,907.98 inclusive of overhead and profit, but excludes VAT. Agreement awaited from GCC on revised drawings - DH awaiting drawing from DS	

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) **Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014**
- Traffic lights in the hub area – GW noted that this was causing him concern. (05/06/2014). GW to follow up with Council. (12/06/2014). GW still trying to progress with Siemens – WIP. (26/06/2014). GW noted this is WIP – GW still trying to get confirmation from Siemens. DH agreed to raise this matter with Alan Anderson. GW was requested to confirm who BMCL have discussed this matter with. (03/07/2014) DH advised that he had spoken to AAnderson who will speak directly to LES later that week. LES are meeting with their legal department re LES risks re taking on the maintenance of the traffic lights and feedback is awaited (10/07/2014) GW suggested that BMCL raise this matter as a EW as is causing a procurement issue for BMCL in obtaining the traffic lights (24/07/2014) GW noted that he had written to Siemens and they had asked for the drawing back (31/07/2014) GW advised that she had re-issued drawings as requested and no response received back from Siemens (14/08/2014) GW noted that he had received an apologetic email from Siemens advising that the cost will be provided asap (21/08/2014) GW noted that the costs are awaited and that he would pursue the cost info (28/08/2014) GW advised that BMCL are awaiting the cost information from Siemens. (04/09/2014) GW advised that he was continuing to pursue and may ask for NHS assistance if one further attempt to get information from Siemens fails. GW will discuss with DL as necessary (11/09/2014) Item closed - BMCL has got their order placed now. (25/09/2014) PM noted that GCC reps have indicated that they will want reps to visit site to see the ducts being installed etc. AFe advised that PM should liaise with PMcG (02/10/2014) GW advised that Siemens are only prepared to provide a 1 year warranty. PM advised that the NHS need to agree a maintenance package with GCC. PM to provide the name of the GCC rep who should be invited to see the ducts to DP/PMcG. (09/10/2014) **23/10/2014 rep from GCC to check (PMcG has invited to attend site) and then item can be CLOSED**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual

leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) **Date to be slotted into the diary for next week to discuss 23/10/2014**

- Condition of road down past the new VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014) GW advised that Land Eng have been asked to provide a cost for the works (25/09/2014) GW advised that he would progress obtaining the quote from Land Eng (02/10/2014) DR suggested that a provisional sum for the works should be identified at this time (09/10/2014) **Area to be reviewed and then item can be CLOSED 24/10/2014**
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014) DP advised that he was setting up a meeting with Air Products, I Sandford, I Powrie, NHS and BMCL. GW advised that in the meantime BMCL have instructed WSP to do survey works. (09/10/2014) **Further meeting next Tuesday there will require a 1 day down time to transfer over EW may be required but this will be decided after meeting 23/10/2014**
- Pneumatic tube over the main road – DP noted that the tube needed to stay until the A&E moves into the hospitals. BMCL have an issue in that they don't have any road consents as was a construction site. PM advised that if the tube needs to be taken down then the NHS could potential look at portering costs for a month or so. (11/09/2014) It was noted that DP needs confirmation of when the Board need the pneumatic tube taken down. PM agreed to liaise with KConnelly. DH noted that the first bus to A&E is planned for 1<sup>st</sup> week May 2015. (09/2014) PM suggested that the NHS would want to keep the road closed until April. DP advised that the plans to remove the pneumatic tube would be prepared once confirmation is received from the NHS re date road to be opened (02/10/2014) **This requires to be removed before the road is opened and a date to be given to BMCE when this is most suitable. Additional portering required during down time of around 3-4 weeks 23/10/2014 CLOSED**
- Ogilvie Car Park – AFe advised that BMCL were due to carry out works to the car park to put it back to the condition they received it. DL advised he had asked Ogilvy if BMCL can leave it as is as the NHS is interested in the land. GW agreed to liaise with the Ogilvy lawyer (11/09/2014) PM advised that the NHS are currently getting DV valuation on 2 plots of land. GW advised that BMCL were starting to get concerned about the time left remaining to put the car park back to the same condition it was when BMCL took it over. PM suggested that GW liaised directly with DL. DS suggested that BMCL should progress to fulfill contract with Ogilvy. (25/09/2014) PM advised that the instruction is that BMCL should do what they need to do to protect their interests. The NHS has 2 district valuations for sites. AFe noted that BMCL have written to Ogilvy lawyers to ask if ok to leave the tarmac and stone insitu. GW advised that SP have removed the meter. (02/10/2014) PM advised that DL is still progressing discussions. GW advised that

the status quo for BMCL still exists. Ogilvy have done a dilapidation survey which identified that they wanted a litter pick which has been done. The gates are padlocked with an Ogilvy padlock. (09/10/2014) No further progress and it was noted that this can be CLOSED 23/10/2014

- Bridge tie in @ neuro – DP advised that he needed a date for this work. GF to liaise with PMcG today. (09/10/2014) As noted in EW 23/10/2014
- Food waste – DP advised that BMCL are having difficulty with Dawsons as they will not go into contract with Mercury or BMCL. Dawson give their equipment to an installer. The installer hasn't been through the H&S checks. BMCL are pursuing Dawsons. BMCL have an alternate solution and would want them to meet with the NHS. AFe noted that BMCL will have internal issues re warranties. PM requested that BMCL progress with Dawsons in the first instance and organize for alternate supplier to meet with NHS/BMCL. AFe advised that he would issue this as an EW. (09/10/2014) DWL to speak to rep from dawsons 23/10/2014
- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014
- Pharmacy Roller Shutter - changes required? 23/10/2014
- Lift Protection - clarity on which will be required to have protection remaining - meeting required to clarify 23/10/2014
- Xray rooms - some enabling works to be undertaken to allow installation of Samsung Digital X-Ray equipment. DH will review and advise. 23/10/2014





**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 12/11/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.	
			03/07/2014	Board to confirm acceptance PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.	
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.	
			21/08/2014	It was noted that the pack was being issued later that day to SEPA	
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.	
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.	
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.	
	A51679245		25/09/2014	DH noted that the wet lands/Suds pond report was to be concluded and it was anticipated it would be	

			02/10/2014 09/10/2014	concluded later that day. DP advised that the report had been concluded and issued to SEPA DP advised that the next batch of reports are due today and tomorrow (09/10 & 10/10) and BMCL are progressing as per programme. DR enquired about the programme for the petrol interceptor and DP advised that the interceptor is on order and the delivery timescale is circa 6 weeks and there is circa 8 weeks of works to be done in that area. PM noted that he understood the interceptor was to be installed at the north side of the energy centre in the concrete bay and this was confirmed	
			23/10/2014	Tank has arrived on site and is programmed to be installed week commencing Monday 27/10/2014. DS has requested the information on the oil retention material from WSP. Timescale for response required to be passed to DH in order that SEPA can be updated.	
			30/10/2014	DH advised that there are no current programme implications. DP noted that the tank works had been commenced. DH noted that the revised wording for the SEPA PPC response had been finalized and was being put on headed paper and it would be issued via IPowrie to SEPA.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 05/11/2014

							
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013 21/11/2013 12/12/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p> <p>AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.</p> <p>AK advised that he was getting a programme plotted for discussion.</p> <p>AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a</p>			

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				<p>separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26<sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.</p> <p>19/12/2013 Meeting of AK and PM to be arranged to discuss AK queries.</p> <p>09/01/2014 Meeting to be scheduled to review some aspects of the work</p> <p>16/01/2014 Noted that AK and PM were meeting later that day to discuss BMCL queries.</p> <p>23/01/2014 Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.</p> <p>27/02/2014 Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting</p> <p>06/03/2014 AK noted that programme review was nearing completion</p> <p>13/03/2014 AK was unable to attend and the information will be ready for discussion next week</p> <p>20/03/2014 AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.</p> <p>27/03/2014 GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposes. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.</p> <p>04/04/2014 PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.</p> <p>10/04/2014 GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.</p> <p>17/04/2014 PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos removal.</p> <p>24/04/2014 PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.</p>	
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			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.
			10/07/2014	PM noted that he understood the tenders had been issued.
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do 2 options – a) full car park scheme and b) temp car park with drainage.
			21/08/2014	AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night.

				<p>PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p> <p>28/08/2014 GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.</p> <p>04/09/2014 GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.</p> <p>11/09/2014 GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.</p> <p>25/09/2014 DR advised that he had received the costs from BMCL. PM advised that he would like to see the drawings. GW agreed to provide the drawings, demo quote breakdown and Land Eng quote breakdown to PM.</p> <p>02/10/2014 GW advised that he would provide the drawings and quote information later that day</p> <p>09/10/2014 PM requested that GW provided the drawings on Sypro and GW agreed to provide these asap. AFe enquired about if BMCL would be receiving a PMI for the demolition works and DR advised that the NHS had decided to deal with the demolitions separately from the Car Park works as the Board need to identify funding for the car parking.</p> <p>23/10/2014 DR noted that MSCar Park 3 was due to be advertised on 10/10/2014. Drawings have been provided by GW. Programme is being reviewed and DWL will update. AFe suggested a meeting to confirm plans and demolition line. It was agreed that this item can now be CLOSED</p> <p>29/10/2014 GW advised that he was tidying up the proposal and enquired what is to happen to the area marked as development area. GW noted that the original quote had a £150k provisional sum included for this area. PM advised that the area should be top soiled and seeded and that the provisional sum should be left in. GW suggested that the provisional sum could be reduced to £100k and this was agreed. DH suggested that the area could be used as a patient transport laydown space. GW enquired if the NHS still wanted Heras fencing and DR confirmed that Heras was wanted. GW advised that BMCL were not happy to use heras fencing. PM advised that the NHS would be ok with BMCL re-using the corrugated fencing as long as the fencing at the Labs side is replaced with heras. GW noted that he was finalizing the figures in relation the queries raised by DR. PM noted that the NHS would review the costs and thereafter prepare a paper for consideration/approval at the NHS Board.</p>	
20424	NHS EW 051	Cold Water Storage	15/01/2014	An Estates & Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow	

		Tanks		<p>PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>16/01/2014 DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>23/01/2014 DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>30/01/2014 DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>13/02/2014 DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>27/02/2014 DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>06/03/2014 Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>20/03/2014 DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>27/03/2014 DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>04/04/2014 GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>10/04/2014 DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>17/04/2014 DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>24/04/2014 DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p> <p>08/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>15/05/2014 DP advised that he was continuing to pursue the formal report.</p> <p>22/05/2014 DP to progress.</p> <p>12/06/2014 Work in progress, action on DP.</p> <p>26.06.2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>03/07/2014 DP advised he would push on the write up of the proposed option.</p>	
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			<p>10/07/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>31/07/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>14/08/2014 DP to provide update on return from leave</p> <p>21/08/2014 DP to provide an update urgently as EW to be closed out asap.</p> <p>04/09/2014 DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.</p> <p>11/09/2014 DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.</p> <p>25/09/2014 GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was logical and would stop the pipe from sludging up.</p> <p>02/10/2014 PM advised that information had been provided to IP for forwarding to HFS. DP advised that BMCL will be progressing on the basis of the information provided, system N+1 therefore changes can be made as late as January 2015.</p> <p>09/10/2014 PM enquired if a response was awaited from IP and DP confirmed that BMCL were awaiting a response. PM advised he would liaise with IP.</p> <p>23/10/2014 DH agreed to check on the progress of this. AFe reported that the columns have had perforations and slots cut and it will now be necessary to check that HFS are satisfied with the proposed solution - DH agreed to check with IP whether any response has been received.</p> <p>30/10/2014 DH advised that formal feedback is awaited from HFS and he would pursue the feedback</p>	
22802	NHS EW 053	Curtain Tracks	<p>26/09/2014 The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients. Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p> <p>09/10/2014 PM advised that he would discuss this internally and report back.</p> <p>24/10/2014 A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between two curtains when pulled fully closed - sub-contractor will be asked to review and amend the track if required.</p> <p>30/10/2014 DH advised that he had undertaken a site visit with IHamilton and a solution to conclude the matter in A&amp;E and CC resus bays had been identified. DH would provide information to BMCL re variance in curtain track heights at half wall.</p>	



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2639	PMI 294	NEUROSURGICAL BLOCK, UPGRADE OF MAIN ENTRANCE	30/05/2014	Upgrade and extension to main entrance area at ground and first floor level.	
			05/06/2014	Proceed with next stage of design and preparation for construction as set out in the attached narrative (word doc). GW noted that he had instructed the design team to proceed to RIBA stage 3 and is awaiting update from the team.	
			12/06/2014	Fees and programme to be provided by 16 <sup>th</sup> June 2014.	
			26/06/2014	Fee information received, programme required by end of month. Planning application needs to be submitted to meet approval date in September 2014.	
			03/07/2014	AFe noted that BMCL had a meeting yesterday to discuss – he understood that the toilets were being moved back out/reduced at the front entrance. PM advised that he had confirmed the layout with the building users. PM advised that the NHS are willing to consider any VE i.e. remove the metal canopy, change the front door. AFe noted that he understood that BMCL were undertaking the cladding works and GW advised that BMCL have been instructed to proceed the design. PM agreed to issue a PMI to confirm that BMCL should proceed to design (cross ref PMI 297).	
			10/07/2014	PM advised that he understood that planning application was submitted on Monday. PM had spoken to DS and advised that NHS will not take any risk on ground conditions. BMCL to confirm if any additional surveys are required to mitigate ground condition risk. DH noted that there was a meeting re keeping the INS with an operational entrance, BAM interaction with the works and roundhouse demolition. A proposal to move the temporary entrance had been provided. It is understood that there is a preference to defer the overcladding works as this will close off the BAM Access to site. PM will liaise with GF – there is a need to ensure that the INS is kept accessible.	
			24/07/2014	GW advised that costs being identified and a price will be submitted by end of August 2014. It was noted that the planning application had been registered on 23/07/2014. GW advised that WSP had asked for drawings so can do trial pits in order to review the mini-pile solution.	
			31/07/2014	PM advised that the NHS were getting some survey works undertaken that day. The NHS were linking in with CGrindlay. AFe noted that PMcGhad discussed the slab works at the Construction Interface Group meeting and BMCL wanted to commence works in the next few weeks. PM advised that the NHS would need 10-14 days notice of the works commencing so that the NHS can liaise with the building users.	
			14/08/2014	PM advised that he was working to the end August date advised by BMCL. A user group meeting had been held, some amendments had been identified and the architects were updating the plans. AFe advised that he was meeting with GArmstrong on 15/08/2014 and would firm up on a start date. AFe was checking that there is sufficient design finalized to commence the works and finalise the scheduled rather than doing any works piecemeal. PM advised that he needed to understand the proposed dates for the break-in works so that he can ensure that the rooms are vacated. AFe advised that an update will be provided at the logistics meeting scheduled to take place later that day	

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			21/08/2014	PM noted that the breakthrough was to be carried out w/c 15/09/2014 and that BMCL will be doing hand digs.	
			28/08/2014	DL noted that the start dates had been known for months and that DL will deal with the building users. DL reported that he had been advised previously that the NHS would get limited access at the front door and now advised that NHS would not be getting any access and that the Fire Escape is not big enough so needs to be made bigger. GW enquired what the NHS were expecting to receive back from BMCL as they had only received the Nightingale drawings the previous week and the design changes were not minimal and FES have advised that they cannot price. DH noted that the toilets had been moved as VE in discussion between AFe and PM. DH advised that the changes requested by the Users is minimal the other changes are either for VE or construction purposes. DH noted that BMCL would need to provide a price that is caveated. The Project Team had a meeting on the 16 <sup>th</sup> September where the cost information needed to be presented therefore the Project Team require the cost information by the 28 <sup>th</sup> August but understand there was agreement at the Commercial Group that the costs are to be provided to the NHS by 29/08/2014. It was noted that advice being received states that the systems in the building are circa 40 years old and the Mercury costs include allowances as Mercury suggesting that the systems will need to be changed. DL advised that the cost information needs to clearly confirm the scope of the cost. GW advised that BMCL did not have revised WW drawings based on the updated Nightingale drawings so it is not possible to identify the M&E impact of the VE. DL advised that he needed complete clarity about what costs are for. DL enquired if BMCL would want BMCL or BAM to carryout the Fire Exit widening works and GW advised that it would be preferable for BAM to carry out the fire exit works.	
			04/09/2014	GW advised that the cost was submitted the previous day. DR advised that he would discuss this with GW. DH noted that a meeting had been held with SRussell, GForsyth and BAM. BAM are working to end September date. BAM are widening the door under the existing link bridge. Discussions to be concluded by w/e 5/09/2014. DR requested that based on the programme that GW provide an indication of the cashflow.	
			11/09/2014	GW advised that the final cost proposal was with DR for review. DL noted that C&B are to provide a view about the proposal to DL. DL noted that the cost proposal is circa £600k higher than the NHS budget. GW noted that the BMCL cost proposal is 0.88m higher than the initial cost suggested. AFe advised that he understood there was changes to the drawings signed off the previous day i.e. chillingand that this is not taken account of in the current price. AFe suggested that DS meets with GF to agree changes so that the NHS can get costs. DL advised that he had asked for core samples and AFe advised that this has been organized. AFe noted concern about patient dignity while the works are being carried out. DL noted that consideration needed to be given to the programme as the building will open at the same time as the hospitals. PM suggested that it may be ok for the hospitals to open as long as the building looks complete. AFe advised that the BMCL cost has included high end hoarding. DP advised that consideration could be given to DX cooling or having a separate chiller. DL proposed that BMCL should provide a range of options/costs. DL agreed to obtain an update from GF. DL enquired what the lead in time for BMCL and getting the order to progress the works. AFe advised that BMCL needed confirmation of the way forward asap as it is circa 8 weeks until any piling can be started. GW noted that DR had suggested that the cost was in the range of what was expected and the costs were with Evelyn for checking the detail. AFe agreed to commence engagement with the sub-contractors.	

			25/09/2014	DR advised that he had received the revised cost and would need to sit down and go through collectively. DP noted the GW needs to discuss with JM as GF and users may be thinking that there is additional changes to the scheme i.e. user want reception shut off. GW noted that the price is based on the pre-planning drawings and not building warrant drawings. PM advised that GF had been challenged to look to make additional savings. GF needs to meet with PH/GW and GB to agree the drawings and if was suggested that this meeting should be arranged for 30/09/2014. PM advised that he would get GF to organize the meeting.	
			02/10/2014	PM advised that meeting held the previous day and NHS trying to meet with Estates colleagues and CGrindlay will be invited along to this meeting, drawing provided by CGrindlay, NHS have a couple of options to consider. It was acknowledged that the NHS are not aware of the condition of the existing services at this time.	
			09/10/2014	DR advised that a report had been prepared and was being revised in line with minor comments received from DL. DL would be discussing the report with RCalderwood asap. PM advised that it was anticipated that a way forward would be confirmed soon. PM noted that it would still be beneficial if Colin could provide the cost info. PM noted that Planning permission was still awaited. PM noted that some drawings had been missed in someone's e-mail box and this may have delayed the submission of drawings to GCC. AFe requested that GW liaised with GBurnett re linking in with JMiller in order to progress the planning application.	
			23/10/2014	Planning permission is awaited. A meeting to review the M&E costs for the main entrance is scheduled for Friday.	
			30/10/2014	PM noted that there were some matters to conclude. GW noted that there is 4 issues against the £200k i.e. landscaping, suds/drainage, additional cost re existing infrastructure and mercury costs for lights. The mercury costs are being checked. DR noted that there is a plan to work through the money however nothing can be done until get planning. AFe noted that GB is chasing up Jim for the outcome of the planning application on a bi-daily basis. AFe noted that planning are asking for a PI and the consultants won't give a PI. Agreed to close this PMI as item covered under PMI 308.	
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.	
			10/07/2014	PM advised that he was awaiting cost for the feasibility study.	
			24/07/2014	PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.	
			31/07/2014	DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.	
			14/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.	
			21/08/2014	AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
			28/08/2014	It was noted that the price and the programme were to be provided to the NHS on 29/08/2014	

			11/09/2014	DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.	
			25/09/2014	Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.	
			02/10/2014	DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up & down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overlaid design review could be carried out in the same meeting. PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and BMCL should have highlighted all the risks. BMCL were in the process of identifying a panel carrier system which can be retrofitted. AFe advised that the programme to achieve a finished clad building in time for the royal opening is difficult noting that the timescale for the works is indicated as circa 36 weeks. PM noted that the NHS would be unable to signoff the proposals until the Planning permission is granted.	
			09/10/2014	AFe advised that BMCL had met with CladUK who had subsequently provided an indicative price based on a standard panel. CladUK advised that the standard panel they use does not provide thermal gain as it is a vented system (top and bottom) however a formal response is awaited. BMCL anticipate obtaining a firmed up price for the works after the school holiday period. Once BMCL ensure that the price is in the NHS cost range then will apply for planning permission. DR requested that BMCL provide a programme for the cladding works in order that the NHS can identify and plan for when areas/offices, etc need to be vacated. AFe proposed that BMCL would mark-up a drawing to show the corridor works and ward/clinical area works noting that the corridor works will be quicker to do. It was noted that BMCL are seeking a fixed price for the works from CladUK. AFe noted that the cladding and window works sit separately. DR noted that it would be helpful if BMCL could reduce the price as the current price was close to the NHS budget for the works and this would assist to achieve approval of the INS Entrance works fundng.	

			23/10/2014	A sample board of the cladding to be provided to show options. AFe noted that the cost was not hugely different. A review of the risks required for window replacement activities. The area of elevation for the ICE building abutment now removed from the costs and repricing is completed. It was agreed that BMCE and NHS to meet next week to review. The next stage once agreed is to engage planning and project a start on site date - anticipated to be around March 2015. Design and warrents plus SER take around 12-14 weeks but BMCE will push to shorten this time. Cashflow - progress design up to Christmas and place order for all materials in order to maximize spend within current financial year.	
			30/10/2014	GW noted that a further conversation with Clad UK had taken place and proposal repriced on the basis of these discussions. BMCL would be discussing with D&B Facades in due course. GW enquired about the drop dead date for NHS approval and DR confirmed that BMCL were to progress Planning as Planning is the driver for approval as is being dealt with through the Board's Capital Plan.	
3029	PMI 308	INS Entrance Works	10/10/2014	Further to PMI 294 and submission of the cost estimate on 22 September 2014 in sum of £3,702,968 it is confirmed that it is the intention of the Board to proceed with these works and to issue a Compensation Event to formalise the contractual arrangements. This PMI should be taken as an instruction for Brookfield Multiplex to progress design and procurement. In order to finalise the Compensation Event the following should be completed by 24th October 2014:-  1. Planning Permission approval received 2. Complete RIBA Stage 3 design for underground drainage in order that "Provisional" note included in submitted price can be removed 3. Complete RIBA Stage 3 design for external works in order that "Provisional" note included in submitted price can be removed 4. Complete RIBA Stage 3 design for building services in order that exclusions / caveats can be finalised 5. Update design, procurement and construction programme 6. Prepare a full information pack of all PMI 294 RIBA Stage 3 deliverables to be attached to the Compensation Event  Prior to finalisation of the Compensation Event the Board confirm it will underwrite all eligible costs in developing the INS Entrance works. CE noted with 6 actions - this is tied to planning and pack is to be made ready in anticipation of planning approval receipt. DWL noted that time will need to be given to allow information relay to users. Date for break into INS has now been altered. Conflicting requirements between projects relation to the opening of the bridge link to be resolved by dialogue. Bridge opening - a conversation will be required with users. It may be possible to create a fire box within the bridge during external works and a plan in place for its removal at the completion of the works - it was to be noted that access requires to remain for potential movement of patients to theatres.	
			23/10/2014		
			30/10/2014	PM noted that there were some matters to conclude. GW noted that there is 4 issues against the £200k i.e. landscaping, suds/drainage, additional cost re existing infrastructure and mercury costs	

				for lights. The mercury costs are being checked. DR noted that there is a plan to work through the money however nothing can be done until get planning. AFE noted that GB is chasing up Jim for the outcome of the planning application on a bi-daily basis. AFE noted that planning are asking for a PI and the consultants won't give a PI.	
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014  23/10/2014  30/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p> <p>PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.</p> <p>DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.</p>	
3061	PMI 310	ADAPTATIONS TO BUILDING SERVICES FOR IMAGING EQUIPMENT INSTALL	27/10/2014	<p>Please proceed with the attached amendements to services/equipment as per the attached schedule. Costs for same to be incorporated in the Group1 equipment list.</p> <p>The Board request that alterations to 13no. General X-Ray rooms, as listed on the attached schedule, are undertaken to facilitate the installation of Samsung Digital X-Ray equipment by MIS Ltd. The alterations are limited to:</p> <ul style="list-style-type: none"> <li>- removal of temporary/permanent containment at desk locations</li> <li>- relocation of sprinkler heads</li> <li>- removal of RAC1020 pigeon hole units</li> <li>- relocation of wireless access points</li> <li>- removal of emergency stop buttons in 3 locations</li> <li>- Relocation of nurse call/reset panel in 2 locations</li> <li>- Relocation of lead apron rack.</li> </ul> <p>Works to include, where necessary, making good of lead lining and finishes.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	<p>The Board require a cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> </ol>	

				<p>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</p> <p>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</p> <p>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</p> <p>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</p>	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014 25/09/2014	<p>Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289.</p> <p>Agreed item to be closed</p> <p>PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell</p>	
	CE063	FIBRE OPTIC CABLE DIVERSION GOVAN ROAD	03/10/2014  23/10/2014	<p>The Board confirm acceptance of your quotations in response to PMI's 301 and 306. The works are to carry out investigatory digs across the Govan Rd bell mouth to the Boulevard, to establish location of fibre optic cable and subsequently lower the cable to a safe working depth under the new roadway.</p> <p>Two quotations in the gross amount of £8,834.96 inclusive of OH+P are accepted by the Board for these works.</p> <p><b>Item can be CLOSED</b></p>	
	CE 064	Section 56/2 - 6 No. Additional Street Lights, Columns & Cabling to Hardgate Road	09/10/2014  23/10/2014	<p>Please procure and install 6 No. additional street lights within the Section 56/2 area of work as required by Glasgow City Council. Please refer attached drawing and cost breakdown as prepared by BMCE.</p> <p>Quotation as provided amounts to £42,907.98 inclusive of overhead and profit, but excludes VAT.</p> <p><b>Agreement awaited from GCC on revised drawings - DH awaiting drawing from DS</b></p>	
	CE 065	Adverse Weather Cross reference BMCL EW 141 & 142		To be issued	



### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 **DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014 **Meeting organized on 31/10/2014 to discuss (30/10/2014)**

- Condition of road down past the new VIE – GW to raise EW (03/09/2014) It was noted that Land Eng have suggested that areas of the sub-base are not in a good condition so if relay over the tarmac on top then there will be problems in the future. PM proposed that WRoxburgh should be asked to provide a view and AFe suggested that WR should review with PMcG and AH. AFe suggested that BMCL could price for the remediation works. (11/09/2014) GW advised that Land Eng have been asked to provide a cost for the works (25/09/2014) GW advised that he would progress obtaining the quote from Land Eng (02/10/2014) DR suggested that a provisional sum for the works should be identified at this time (09/10/2014) Area to be reviewed and then item can be CLOSED 24/10/2014 **Noted that WR has done an inspection BMCL to identify any issues when they are carrying out the works (30/10/2014)**
- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014) DP advised that he was setting up a meeting with Air Products, I Sandford, I Powrie, NHS and BMCL. GW advised that in the meantime BMCL have instructed WSP to do survey works. (09/10/2014) Further meeting next Tuesday there will require a 1 day down time to transfer over EW may be required but this will be decided after meeting 23/10/2014. **Noted that Air Products are to provide information re revised base so WSP can design slab/base. BMCL will need to divert Oxygen main in that area. GW enquired what BMCL should do about the costs incurred as the slab is now a lot bigger than what was agreed. AFe suggested that BMCL should firstly ascertain if a piling solution will be required. DH noted that this is a timing issue re patient safety. (30/10/2014) GW advised that he would raise an EW as these works will fall outwith the completion period.**
- Bridge tie in @ neuro – DP advised that he needed a date for this work. GF to liaise with PMcG today. (09/10/2014) As noted in EW 23/10/2014. **AFe advised that the opening of the link bridge had been discussed with Gillon and it was anticipated that BMCL should be able to complete the works and stay open by April 2015. PM was requested to provide feedback re the windows. (30/10/2014)**
- Food waste – DP advised that BMCL are having difficulty with Dawsons as they will not go into contract with Mercury or BMCL. Dawson give their equipment to an installer. The installer hasn't been through the H&S checks. BMCL are pursuing Dawsons. BMCL have an alternate solution and would want them to meet with the NHS. AFe noted that BMCL will have internal issues re warranties. PM requested that BMCL progress with Dawsons in the first instance and organize for alternate supplier to meet with NHS/BMCL. AFe advised that he would issue this as an EW. (09/10/2014) DWL to speak to rep from dawsons 23/10/2014. **AFe noted that BMCL will need to cut a chase in the service yard at the Labs and BMCL will liaise with the NHS re these works. PM advised this should be dealt with/raised as necessary. (30/10/2014)**
- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014. **DH advised that he had discussed this and it was thought that a PMI is not necessary (30/10/2014)**
- Pharmacy Roller Shutter - changes required? 23/10/2014 **DP advised that he is awaiting info from FW re change to be made (30/10/2014)**
- Lift Protection - clarity on which will be required to have protection remaining - meeting required to clarify 23/10/2014. **PM advised that he would discuss this with KC and AT what lifts are planned to be used during the 12 week commissioning (30/10/2014)**
- Xray rooms - some enabling works to be undertaken to allow installation of Samsung Digital X-Ray equipment. DH will review and advise. 23/10/2014. **Noted that this matter is covered under PMI 310 therefore this item can be closed. (30/10/2014)**



- Light controls – noted that the grommet between the light fittings and pole are not fit for purpose and are being replaced. (30/10/2014)
- TDSL window – issue has been identified and TDSL are investigating – it was thought the grub screw needs to be looked at. (30/10/2014)
- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 19/11/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
21887	BMCL-EWN-000147	SEPA PPC - Programme implications	01/07/2014	The content of the draft PPC certificate BM have seen has the allowance for SEPA to halt commissioning activities on the Project. BM raise the prospect that this has the potential to affect both the target completion date of 26th of January 2015 and the contract completion date of 28th February 2015. The timing of the issuing of the final PPC certificate plus the requirement for 14 days notice given to SEPA for commissioning activities has the potential to delay the project. Current forecast is PPC certification would be granted 7th August 2014 with commissioning activities allowed to commence from the 21st of August.	
			03/07/2014	Board to confirm acceptance PM and DH to discuss with DL. Everyone is working to make the permit happen as soon as possible. BMCL propose to do 'functional' checks until PPC permit provided. The 'functional' checks will be in line with the definition as provided by SEPA.	
			10/07/2014	DH advised that the draft permit was published in accordance with the timeline (7 <sup>th</sup> ).	
			24/07/2014	DP advised that there had been a meeting with IAnders and there was an understanding of what needed to be done. Matter being progressed to an appropriate timeline. DH suggested that once get the permit that there is a letter ready outlining what it is proposed for commissioning.	
			31/07/2014	DP advised that he has a pack prepared which includes all the pre-commissioning checks. The pack will be sense checked. DH advised that the pack should be ready for when the permit is received. DP advised that the aim is to have the pack ready for the 10 <sup>th</sup> August 2014.	
			14/08/2014	IP and DW met on 13/08/2014 and information will be ready for issue later 14/8/2014.	
			21/08/2014	It was noted that the pack was being issued later that day to SEPA	
			28/08/2014	DH advised that the pack had been issued to SEPA the previous week. DS suggested that it would be beneficial to have a page turn through the document from SEPA as dates appear to be erroneous. DH advised that IP is going through the document and pulling out all the dates. The first commissioning is due to take place early September 2014. BMCL are progressing on the basis of the commissioning programme submitted to SEPA. DL need to ensure joint BMCL and NHS provide co-ordinated responses to SEPA.	
			04/09/2014	DH noted that SEPA have advised that the submission did not include enough information however supplementary information has subsequently been provided therefore no issues were anticipated. There is no plant which achieves the emissions threshold. SEPA appear to be supportive of NHS/BMCL achieving PPC. Letter issued to BMCL from IP is a requirement of SEPA i.e. NHS must write to BMCL advising that BMCL are authorized to undertake activities related to CHPs, Boilers, etc in line with the PPC permit.	
			11/09/2014	It was agreed to leave this item on the tracker so that item can be monitored. DH noted that there was an outstanding item re SUDS pond i.e. WSP to provide the specification of the wall type. Info to be provided to SEPA by 28/09. DH noted that the interceptor thereafter needs to be fitted. DH and DS to discuss.	
	A51679245		25/09/2014	DH noted that the wet lands/Suds pond report was to be concluded and it was anticipated it would be	

			02/10/2014 09/10/2014	concluded later that day. DP advised that the report had been concluded and issued to SEPA DP advised that the next batch of reports are due today and tomorrow (09/10 & 10/10) and BMCL are progressing as per programme. DR enquired about the programme for the petrol interceptor and DP advised that the interceptor is on order and the delivery timescale is circa 6 weeks and there is circa 8 weeks of works to be done in that area. PM noted that he understood the interceptor was to be installed at the north side of the energy centre in the concrete bay and this was confirmed	
			23/10/2014	Tank has arrived on site and is programmed to be installed week commencing Monday 27/10/2014. DS has requested the information on the oil retention material from WSP. Timescale for response required to be passed to DH in order that SEPA can be updated.	
			30/10/2014	DH advised that there are no current programme implications. DP noted that the tank works had been commenced. DH noted that the revised wording for the SEPA PPC response had been finalized and was being put on headed paper and it would be issued via IPowrie to SEPA.	
			12/11/2014	DH advised that SEPA had been supplied with all the documents and SEPA had confirmed receipt of the documents and that everything is in order. There had been a visit the previous date and dirty rags in an open container had been observed to which SEPA had been advised that a sealed container is awaited. Permit from SEPA had been received. Agreed this item could be closed.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 19/11/2014

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
19334	NHS EW 049	Phase 3A - Additional Demolition & Associated Works, Cost Enquiry	16/09/2013 19/09/2013 26/09/2013 03/10/2013 10/10/2013 17/10/2013 24/10/2012 07/11/2013	<p>The Board wish to explore the synergies of incorporating additional buildings into the Phase 3A demolition contract with Brookfield Multiplex. Please refer the attached descriptive and drawn information. Note this enquiry is for budget costs, the Board do not see the requirement for any drawn information at this stage. PM noted that it was assumed that BMCL would be applying for the demolition warrants for the buildings under the stage 3a contract. The NHS would obtain the demo warrants for the additional buildings. DS advised that he would review this.</p> <p>WIP – AK looking at the programme to identify when the works can be done and with what other BMCL other works.</p> <p>AK advised that he had carried out a walkround. GW noted that BMCL need to understand the BMCL programme and review the information provided by NHS so can identify what other information is missing. AK noted that he was assuming that all buildings would be emptied at the same time.</p> <p>WIP by BMCL</p> <p>AK advised that he had carried out a good review of the information provided and would liaise with the Commercial Reps to provide a list of queries to the NHS.</p> <p>AK asked for clarity on who will be responsible for the checking/clearing asbestos. Tight programme for BMCL if taken on as an unknown – noted slight delay to BAM programme due to asbestos issues in Mental Health Building. Timing for handovers? – clear once the buildings are handed over and commissioning complete as this will all tie in with migration etc.</p> <p>AK noted that BMCL would need to prepare a list of the assumptions taken i.e. information requirements, programme assumptions, etc. GW advised that BMCL were unable to provide a price at this time.</p>	

A51679245

			21/11/2013	AK noted that HMcD had been discussing the demolitions with AK and has asked for a further discussion.
			12/12/2013	AK advised that he was getting a programme plotted for discussion.
				AK advised that he had discussed with HMcD. HMcD had advised about the gas pipe/main which runs under some of the 3a demolition buildings. PM reported that the Boards Asbestos Policy stipulates that a separate asbestos removal company should be used from the surveying company. PM enquired when BMCL anticipated being able to provide feedback. AK noted that there were a number of queries to be considered i.e. when is handover to BMCL, will all the asbestos be removed in advance of handover to BMCL, etc. PM noted that the Project Team plan for migration/vacating buildings needed to be confirmed. PM advised that it was suspected that there would be asbestos in some of the buildings (both notifiable and non-notifiable). PM requested that AK provide a list of the queries to the NHS. DH suggested that BMCL could prepare a duration programme and AK advised that a programme based on the dates provided had been prepared. GW advised that it was difficult to provide a price when BMCL did not have any survey information. PM suggested that a meeting should be scheduled with AK for early January 2014. DS suggested that as one of the buildings is listed that an application would need to be lodged. PM advised that at the GCC meeting on 26 <sup>th</sup> Nov the demolition of a listed building had been raised with them. PM reported that there is a requirement for a full listed building demolition consent application and a SHEP test and it was anticipated that it would take circa 9 months to get the application through.
			19/12/2013	Meeting of AK and PM to be arranged to discuss AK queries.
			09/01/2014	Meeting to be scheduled to review some aspects of the work
			16/01/2014	Noted that AK and PM were meeting later that day to discuss BMCL queries.
			23/01/2014	Noted that PM and AK have agreed that BMCL need to go ahead with costing and caveat any potential matters with the costs. BMCL should price the temp car park. PM expected that it will take 3-4 weeks for the cost to be available.
			27/02/2014	Noted that information was to be forwarded from BMCL for programme and sequence and costs – discussions will continue out-with meeting
			06/03/2014	AK noted that programme review was nearing completion
			13/03/2014	AK was unable to attend and the information will be ready for discussion next week
			20/03/2014	AK advised that he was reviewing how the works can be linked into the other demo works and will prep information for discussion over the weekend. It was agreed that AK should meet with PM and DH in the latter part of w/c 24/03/14.
			27/03/2014	GW advised that he needed to review this with AK. PM advised that item was becoming important to the NHS for budgeting purposed. GW advised that AK is tidying up his notes and he will liaise with AK asap. DS advised that he would organize a meeting date asap.
			04/04/2014	PM advised that he had met with GW and AK earlier that week to discuss the additional works. HMc had subsequently provided information to AK re the basement locations. It was noted that AK was working over the weekend to prepare the scope of works so can put out to tender.
			10/04/2014	GW advised that AK was working over the weekend on the proposals and GW would get an update asap. PM advised that there was consideration being given to BMCL doing the asbestos removal and that there was an internal discussion ongoing as to identify the best solution so not to split the risks. GW advised that BMCL could not provide a price for the asbestos removal as he did not have a survey. PM advised that BMCL should progress on the basis of the PMI and the NHS would confirm if BMCL should undertake the asbestos removal. PM noted that the NHS have Management Surveys however these did not give a true reflection of the buildings. DL requested that BMCL provide the cost information by mid May.
			17/04/2014	PM noted that the NHS were still considering whether BMCL should be asked to carry out the asbestos

			24/04/2014	removal. PM acknowledged that this is WIP. GW advised he would catchup with AK asap. It was suggested that BMCL were awaiting information from the NHS re which buildings have basements. DH suggested that HMc had provided a detailed response to which indicates undercrofts, solums, basements, etc.
			08/05/2014	It was noted that BMCL had discussed this item earlier that morning. BMCL were of the view that the NHS would need to do the asbestos survey. BMCL wanted the NHS to provide the date by which the NHS required the buildings to be down by in order to programme the works backwards. GW suggested the BMCL could get a price from demo contractors on the basis that the buildings have no asbestos. PM suggested that a walkround would be beneficial and would consider if there was any value to the NHS getting management surveys. AFe advised that it would be beneficial if BMCL could have a walkround with PM and this was agreed. PM noted that he would identify if the NHS use a frameworks contractor – BMCL can then manage. AFe noted that there was implications for stepping down the asbestos responsibility. DS enquired if the NHS would be obtaining the necessary consents and PM advise that he would expect BMCL to progress the warrants, consents, etc. GW suggested that a bat survey may need to be carried out. PM agreed to organize a walk-round.
			15/05/2014	GW and AFe to do walkround early w/c 19/05 with HMc
			22/05/2014	Walkabout scheduled or 27 <sup>th</sup> May. GW requested drawings of existing buildings. PM noted these had been forwarded to AK where available
			29/5/2014	PM advised that a walkround of pieces of the existing estate had been undertaken on 27/05. GW reported that PMcGuinness is marking up a drawing with a view to going to the market. PM noted that he understood that a Framework is being set-up for demolition works and he would provide this info to BMCL. GW advised that Paul and Andy and finalizing the scope of works and it was intended that 2 prices are obtained i.e. a) BMCL scope of works only and b) NHS scope of works.
			05/06/2014	PM to confirm if ok with BMCL demolition list.
			12/06/2014	Demolition list confirmed. Tenders due to be issued shortly to 5 demolition contractors on basis all asbestos has been removed from the buildings by others. Tenders in 3 parts – 1) Phase 3A buildings plus A&E, Therapies and OPD; 2) the Management Building and 3) Imaging and Medical Block bar the Listed element. Tender period 3-4 weeks.
			26/06/2014	Tenders issued w/c 23 June 2014, with 4 week tender period.
			03/07/2014	GW noted that the tenders had not gone out as there were 2 outstanding queries. PM advised that AK Had spoken to PM the previous day. GW agreed to check whether the tenders had gone out.
			10/07/2014	PM noted that he understood the tenders had been issued.
			24/07/2014	It was noted that BMCL are out to tender for the stage 3a works and a meeting has been organized for 25/07/2014 for the NHS & BMCL to discuss the externals. Tenders are due back in 8 <sup>th</sup> August 2014.
			31/07/2014	GW advised that the tenders were starting to be received – 1 has some queries. Land Eng had been asked to price for a deck to the car park (noting that there is a substantial difference in levels). AFe advised that BMCL would look at best value solutions re levels. GW advised that he is awaiting a price and AKerr was chasing this up.
			14/08/2014	GW advised that tenders received and BMCL reviewing the tenders later that day. AFe noted that there was a spread in the pricing. BMCL have organized for 2 of the companies w/c 18/08/2014. BMCL will review the start dates etc once the final evaluation has been done. Land Eng costs for car park D&B will be provided in next 2-3 weeks. GW advised that there is a level difference so it is better to obtain the D&B costing rather than a quick cost plan. DR advised that NHS looking for most economic solution for airport style. GW suggested that an element of drainage would need to be installed. DR requested that BMCL do



			21/08/2014	<p>2 options – a) full car park scheme and b) temp car park with drainage.</p> <p>AFe noted that BMCL had received all the prices back. Two tender reviews had been undertaken with Central Demolition and Hunter demolition. The central demolitions tender appears to have missed some items from the tender. AFe enquired when it was expected that the bridge would be craned off i.e. at night. PM suggested that late day time for craning off the bridge. GW noted that information is awaited from Land Eng who have sent in circa 20 queries which are currently being responded to. Land Eng are working up a design. AFe noted that BMCL have a programme in place for the demolition work. AFe advised that the Hunter representative had advised the asbestos in the theatre block is encased with tar. PM reported that he thought the NHS were getting management surveys of the buildings done over the next couple of months. GW advised that Land Eng. have asked for clarity as to what 'airport' style parking is. PM noted that it had been agreed at the previous meeting that Land Eng should cost up an airport style temp car park and a full car park permanent scheme. GW enquired about the time line for the construction of the car park next to the existing Barr Car park and PM suggested that construction would be next September. DR suggested that the car park will be subject to OJEU and the construction works and demolitions may be as 1 package. PM advised that the NHS would potentially go to the market with the car park in the 1<sup>st</sup> quarter next year.</p>	
			28/08/2014	GW noted that Land Eng have been given an extra week to provide car park options. 2 final demolition tenders have been received and being reviewed later that day. DL noted that the NHS should have received the tenders back for the surveys and enabling works.	
			04/09/2014	GW noted that BMCL have received some cost information noting that Land Eng were given a further week for the car park cost information (due 05/09/2014). GW noted that BMCL have received 2 competitive prices and have had 2 post tender meetings with the potential contractors. Indicative cost = circa £1.2m.	
			11/09/2014	GW noted that he had received a cost back for the car park however there are a couple of queries with DCampbell. GW will meet with AFe to discuss the demo tenders. It is anticipated that the price for the works will be provided to the NHS by the next day.	
			25/09/2014	DR advised that he had received the costs from BMCL. PM advised that he would like to see the drawings. GW agreed to provide the drawings, demo quote breakdown and Land Eng quote breakdown to PM.	
			02/10/2014	GW advised that he would provide the drawings and quote information later that day	
			09/10/2014	PM requested that GW provided the drawings on Sypro and GW agreed to provide these asap. AFe enquired about if BMCL would be receiving a PMI for the demolition works and DR advised that the NHS had decided to deal with the demolitions separately from the Car Park works as the Board need to identify funding for the car parking.	
			23/10/2014	DR noted that MSCar Park 3 was due to be advertised on 10/10/2014. Drawings have been provided by GW. Programme is being reviewed and DWL will update. AFe suggested a meeting to confirm plans and demolition line. It was agreed that this item can now be CLOSED	
			29/10/2014	GW advised that he was tidying up the proposal and enquired what is to happen to the area marked as development area. GW noted that the original quote had a £150k provisional sum included for this area. PM advised that the area should be top soiled and seeded and that the provisional sum should be left in. GW suggested that the provisional sum could be reduced to £100k and this was agreed. DH suggested that the area could be used as a patient transport laydown space. GW enquired if the NHS still wanted Heras fencing and DR confirmed that Heras was wanted. GW advised that BMCL were not happy to use heras fencing. PM advised that the NHS would be ok with BMCL re-using the corrugated fencing as long	


			12/11/2014	<p>as the fencing at the Labs side is replaced with heras. GW noted that he was finalizing the figures in relation the queries raised by DR. PM noted that the NHS would review the costs and thereafter prepare a paper for consideration/approval at the NHS Board.</p> <p>DL advised that a paper was being submitted to the Board's ASSB on Monday and QPC on Tuesday and he was not anticipating any issues. It was agreed this item could be closed.</p>	
20424	NHS EW 051	Cold Water Storage Tanks	15/01/2014  16/01/2014  23/01/2014  30/01/2014  13/02/2014  27/02/2014 06/03/2014  20/03/2014  27/03/2014  04/04/2014  10/04/2014  17/04/2014  24/04/2014	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.</p> <p>DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.</p> <p>DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.</p> <p>GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.</p> <p>DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&amp;C Estates Dept.</p> <p>DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.</p> <p>DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.</p>	

			<p>08/05/2014 DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.</p> <p>15/05/2014 DP advised that he was continuing to pursue the formal report.</p> <p>22/05/2014 DP to progress.</p> <p>12/06/2014 Work in progress, action on DP.</p> <p>26.06.2014 This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.</p> <p>03/07/2014 DP advised he would push on the write up of the proposed option.</p> <p>10/07/2014 DP advised it is the intention to have the write-up of the report closed off by 24<sup>th</sup> July 2014.</p> <p>31/07/2014 DP advised this is WIP to conclude and the focus was to conclude before cop 8<sup>th</sup> August 2014.</p> <p>14/08/2014 DP to provide update on return from leave</p> <p>21/08/2014 DP to provide an update urgently as EW to be closed out asap.</p> <p>04/09/2014 DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.</p> <p>11/09/2014 DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.</p> <p>25/09/2014 GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was logical and would stop the pipe from sludging up.</p> <p>02/10/2014 PM advised that information had been provided to IP for forwarding to HFS. DP advised that BMCL will be progressing on the basis of the information provided, system N+1 therefore changes can be made as late as January 2015.</p> <p>09/10/2014 PM enquired if a response was awaited from IP and DP confirmed that BMCL were awaiting a response. PM advised he would liaise with IP.</p> <p>23/10/2014 DH agreed to check on the progress of this. AFe reported that the columns have had perforations and slots cut and it will now be necessary to check that HFS are satisfied with the proposed solution - DH agreed to check with IP whether any response has been received.</p> <p>30/10/2014 DH advised that formal feedback is awaited from HFS and he would pursue the feedback</p> <p>12/11/2014 <b>PM advised that he was awaiting a paper from IP and that the paper was expected imminently. It is proposed to change them and confirmation would be provided to BMCL asap.</b></p>	
22802	NHS EW 053	Curtain Tracks	<p>26/09/2014 The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p> <p>09/10/2014 PM advised that he would discuss this internally and report back.</p> <p>24/10/2014 A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between</p>	

			30/10/2014  1/11/2014	<p>two curtains when pulled fully closed - sub-contractor will be asked to review and amend the track if required.</p> <p>DH advised that he had undertaken a site visit with IHamilton and a solution to conclude the matter in A&amp;E and CC resus bays had been identified. DH would provide information to BMCL re variance in curtain track heights at half wall.</p> <p>DH and AFe had previously discussed this item and it had been agreed that IHamilton is going to arrange a sample for NHS review.</p>	
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## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 12/11/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014           10/07/2014 24/07/2014 31/07/2014           14/08/2014           21/08/2014           28/08/2014 11/09/2014	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p> <p>PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top</p>	

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			<p>25/09/2014</p> <p>02/10/2014</p> <p>09/10/2014</p> <p>23/10/2014</p>	<p>and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p> <p>DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&amp;B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up &amp; down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overclad design review could be carried out in the same meeting. PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and BMCL should have highlighted all the risks. BMCL were in the process of identifying a panel carrier system which can be retrofitted. AFe advised that the programme to achieve a finished clad building in time for the royal opening is difficult noting that the timescale for the works is indicated as circa 36 weeks. PM noted that the NHS would be unable to signoff the proposals until the Planning permission is granted.</p> <p>AFe advised that BMCL had met with CladUK who had subsequently provided an indicative price based on a standard panel. CladUK advised that the standard panel they use does not provide thermal gain as it is a vented system (top and bottom) however a formal response is awaited. BMCL anticipate obtaining a firmed up price for the works after the school holiday period. Once BMCL ensure that the price is in the NHS cost range then will apply for planning permission. DR requested that BMCL provide a programme for the cladding works in order that the NHS can identify and plan for when areas/offices, etc need to be vacated. AFe proposed that BMCL would mark-up a drawing to show the corridor works and ward/clinical area works noting that the corridor works will be quicker to do. It was noted that BMCL are seeking a fixed price for the works from CladUK. AFe noted that the cladding and window works sit separately. DR noted that it would be helpful if BMCL could reduce the price as the current price was close to the NHS budget for the works and this would assist to achieve approval of the INS Entrance works fundng.</p> <p>A sample board of the cladding to be provided to show options. AFe noted that the cost was not hugely different. A review of the risks required for window replacement activities. The area of elevation for the ICE building abutment now removed from the costs and repricing is completed. It was agreed that BMCE and NHS to meet next week to review. The next stage once agreed is to engage planning and project a start on site date - anticipated to be around March 2015. Design and warrents plus SER take around 12-14 weeks but BMCE will push to shorten this time.</p> <p>Cashflow - progress design up to Christmas and place order for all materials in order to maximize spend within current financial year.</p>	
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			30/10/2014  13/11/2014	<p>GW noted that a further conversation with Clad UK had taken place and proposal repriced on the basis of these discussions. BMCL would be discussing with D&amp;B Facades in due course. GW enquired about the drop dead date for NHS approval and DR confirmed that BMCL were to progress Planning as Planning is the driver for approval as is being dealt with through the Board's Capital Plan.</p> <p>DS advised that he had made a couple of enquiries which had identified that a) the building could be overclad without insulating, b) building too hot as is so insulating c) Building Standards Division advised that should insulate, d) Building Control indicated that they could only decide on basis of application. DS was due to meet with RBarlow on 19/11 and he would raise the subject with RBarlow at this meeting. DS noted that if there is no requirement to insulate then the way forward was known. If the building did need to be insulated then the NHS would need to deal with the cooling of the building. DS suggested that it would be beneficial if a survey of the building environmental was undertaken. AFe advised that he was getting the drawings updated for review by the NHS. DL noted that it was disappointing that only now being advised of the Building Regulations and that the cost of the overclad project was getting close to being above the NHS financial envelope. If the NHS require to do anything re infrastructure to the building then the project may not go ahead. DL enquired if there was any opportunity to get the project through as the windows will improve the heat loss. PM advised that Glasgow University had just overclad a building without needing to insulate it. AFe advised that it was D&amp;B Facades who had only recently suggested that insulation may be required. DL noted that it was only to be an aesthetic treatment to the building. DH suggested that the NHS have to achieve the cashflow. AFe noted that the cost provided to the NHS is for an insulated building. DR agreed to contact Glasgow University for information about their recent overclad project. PM agreed to contact DNimmo to advise that BMCL will be contacting him. DR advised that JMurray had previously been provided with a copy of the feasibility study. DL advised that Robert Kilpatrick was the engineer and may be a good point of contact. DR noted that DNimmo may be the best person to speak to.</p>	
3029	PMI 308	INS Entrance Works	10/10/2014	<p>Further to PMI 294 and submission of the cost estimate on 22 September 2014 in sum of £3,702,968 it is confirmed that it is the intention of the Board to proceed with these works and to issue a Compensation Event to formalise the contractual arrangements. This PMI should be taken as an instruction for Brookfield Multiplex to progress design and procurement. In order to finalise the Compensation Event the following should be completed by 24th October 2014:-</p> <ol style="list-style-type: none"> <li>1. Planning Permission approval received</li> <li>2. Complete RIBA Stage 3 design for underground drainage in order that "Provisional" note included in submitted price can be removed</li> <li>3. Complete RIBA Stage 3 design for external works in order that "Provisional" note included in submitted price can be removed</li> <li>4. Complete RIBA Stage 3 design for building services in order that exclusions / caveats can be finalised</li> <li>5. Update design, procurement and construction programme</li> <li>6. Prepare a full information pack of all PMI 294 RIBA Stage 3 deliverables to be attached to the Compensation Event</li> </ol> <p>Prior to finalisation of the Compensation Event the Board confirm it will underwrite all eligible costs</p>	

			23/10/2014	in developing the INS Entrance works. CE noted with 6 actions - this is tied to planning and pack is to be made ready in anticipation of planning approval receipt. DWL noted that time will need to be given to allow information relay to users. Date for break into INS has now been altered. Conflicting requirements between projects relation to the opening of the bridge link to be resolved by dialogue. Bridge opening - a conversation will be required with users. It may be possible to create a fire box within the bridge during external works and a plan in place for its removal at the completion of the works - it was to be noted that access requires to remain for potential movement of patients to theatres.	
			30/10/2014	PM noted that there were some matters to conclude. GW noted that there is 4 issues against the £200k i.e. landscaping, suds/drainage, additional cost re existing infrastructure and mercury costs for lights. The mercury costs are being checked. DR noted that there is a plan to work through the money however nothing can be done until get planning. AFE noted that GB is chasing up Jim for the outcome of the planning application on a bi-daily basis. AFe noted that planning are asking for a PI and the consultants won't give a PI.	
			13/11/2014	DL advised that the NHS were due to issue a PMI. DR advised that the costs had been agreed and he was drafting the PMI for issue. GW was requested to provide the cost plan for the works. DS raised concern that there had been an initial meeting which GDonnelly had attended and no issues had been raised however GDonnelly has now come back with an issue re sprinklers to 1 room. It was suggested that the fire rating of the room should be improved. DH advised that he had read the regs and there are options to provide another form of suppression. It was noted that a view could be requested.	
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDerment to agree extend of works. All as discussed Paul McGuiness / Hugh McDerment. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	



3061	PMI 310	ADAPTATIONS TO BUILDING SERVICES FOR IMAGING EQUIPMENT INSTALL	27/10/2014	<p>Please proceed with the attached amendments to services/equipment as per the attached schedule. Costs for same to be incorporated in the Group1 equipment list.</p> <p>The Board request that alterations to 13no. General X-Ray rooms, as listed on the attached schedule, are undertaken to facilitate the installation of Samsung Digital X-Ray equipment by MIS Ltd. The alterations are limited to:</p> <ul style="list-style-type: none"> <li>- removal of temporary/permanent containment at desk locations</li> <li>- relocation of sprinkler heads</li> <li>- removal of RAC1020 pigeon hole units</li> <li>- relocation of wireless access points</li> <li>- removal of emergency stop buttons in 3 locations</li> <li>- Relocation of nurse call/reset panel in 2 locations</li> <li>- Relocation of lead apron rack.</li> </ul> <p>Works to include, where necessary, making good of lead lining and finishes.</p> <p>DH noted that the works are ongoing. DH was being advised that the works are not being carried out quick enough. DP noted that resources are being diverted to carry out the adaptations when it was possible to do so as BMCL were ensuring no impact to other works.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	<p>The Board require a cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</li> </ol> <p>DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p>	
3104	PMI 312 -	ADULT & CHILDREN'S HOSPITAL - COLD WATER STORAGE TANKS	17/11/2014	<p>Please replace the installed hollow lid supports with solid supports.</p> <p>In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on 19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks.</p>	

3105	PMI 313 -	MRI Room Services	17/11/2014	<p>The following items require to be addressed to allow co-ordination with the Siemens installations within the 4no. MRI suites, in the following order to follow the installation programme.</p> <p>RCG -064 (MRI Scanner): Waste pipework from drip tray beneath SWVP to be re-routed away from vent ductwork and connected to drainage</p> <p>RCG-065 (Technical Room): Existing PAN013 to be replaced with isolator to allow installation of supplier switchgear</p> <p>RAG - 123 (Technical Room): Electrical switchgear currently located on wall backing on to RAG-112 to be relocated on to wall backing on to MIL-007/MIL-004 set out min 2.5m from original wall, all to allow installation of penetration panel and equipment cabinets</p> <p>RAG-109 (MRI Room): Quench pipe entering from RAG-110 to be raised to above Faraday Cage level(exact requirement to be confirmed) and existing support to be modified to eliminate likelihood of damage/corrosion due to contact between different metals</p> <p>RAG-110 (Technical Room): Review cooling requirements, and if acceptable, remove 1no. Airedale downflow unit backing on to RAG-111. Relocate switchgear from current position to location vacated by downflow unit including replacing PAN 013 with isolator switch</p> <p>RCF - 042: Remove existing PAN-013 and locate new isolator to RHS of door leaving space for supplier switchgear</p>	
3106	PMI 314 -	Fluoroscopy Equipment Co-ordination	17/11/2014	<p>The Board request that the wall mounted IPS control panel in the Endoscopy room (RAF-009) is relocated to allow positioning of the equipment generators.</p> <p>It is proposed that, subject to size/depth of the panel, it is relocated onto the control desk trunking/power pole being installed by Phillips as part of the Group 5 installation.</p>	
3112	PMI 315	ADULT & CHILDREN'S HOSPITALS - PROTECTIVE CURTAINS FOR LIFTS	19/11/2014	<p>Please order and install hanging studs and protective fabric drapes as detailed in the attached drawing and specification.</p> <p>Please proceed and have stud fixings for hanging protective drapes in lift cars installed in 8 No. lifts cars as detailed on the attached drawing.</p> <p>Please provide 6 sets of protective lift drapes as detailed on the attached schedule, sized for the specific lifts noted. Note some lifts will share 1 set of drapes.</p> <p>Provide storage bags as noted in Schindler quotation (also attached).</p> <p>Please confirm total cost incl of OHP and confirm these item will be added to the Group 1 equipment list.</p>	

## COMPENSATION EVENTS

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Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014 25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	
	CE063	FIBRE OPTIC CABLE DIVERSION GOVAN ROAD	03/10/2014  23/10/2014	The Board confirm acceptance of your quotations in response to PMI's 301 and 306. The works are to carry out investigatory digs across the Govan Rd bell mouth to the Boulevard, to establish location of fibre optic cable and subsequently lower the cable to a safe working depth under the new roadway. Two quotations in the gross amount of £8,834.96 inclusive of OH+P are accepted by the Board for these works. <b>Item can be CLOSED</b>	
	CE 064	Section 56/2 - 6 No. Additional Street Lights, Columns & Cabling to Hardgate Road	09/10/2014  23/10/2014	Please procure and install 6 No. additional street lights within the Section 56/2 area of work as required by Glasgow City Council. Please refer attached drawing and cost breakdown as prepared by BMCE.  Quotation as provided amounts to £42,907.98 inclusive of overhead and profit, but excludes VAT. <b>Agreement awaited from GCC on revised drawings - DH awaiting drawing from DS</b>	
13594	CE 065	Adverse Weather Cross reference BMCL EW 141 & 142	12/11/2014	The Board confirm that during December 2013 & February 2014 there were a series of isolated 1 in 10 year weather events. The impacts have been collectively assessed and a CE is due under the contract.	
13598	CE 066	Neurosurgical Block - Extension to main entrance	13/11/2014	The Board instruct Brookfield Multiplex to carry out and complete the INS Entrance extension works all as set out in Brookfield Multiplex submission document dated 24th October 2014 titled "Response to Project Managers Instruction 308 INS Entrance Works" and for the agreed target price adjustment of £3,826,354.00.  These works will be classified as Stage 4 of the contract signed 18th December 2009 , and subject to specific contractual terms additions / amendments:- Data Part Contract 1 – Data Provided by the Employer <ul style="list-style-type: none"> <li>Clause 3 Time: Access Date Start on Site – Stage 4: 19th January 2015.</li> <li>Optional Statements Employer risks – Appendix E Board risks remain, with exception of weather where base date for assessment of employer risks will be the date of this Compensation Event, and ground conditions where all available additional information obtained since contract award 18th December 2009 has been considered</li> <li>Optional Clause X5: Completion Date - 58 calendar weeks from start date</li> </ul>	

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) **DH advised that he would chase up JBushfield (13/10/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014 Meeting organized on 31/10/2014 to discuss (30/10/2014) **PM advised that the CMB was under consideration and requested that AFe confirm the number of BMCL which**

require to be accommodated. AFe confirmed that the preference was for BMCL to be on the ground floor. Afe suggested that the office block could remain on site until May – cabins to be removed June. PM suggested that the NHS floor would be closed in February (13/10/2014)

- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014) DP advised that he was setting up a meeting with Air Products, I Sandford, I Powrie, NHS and BMCL. GW advised that in the meantime BMCL have instructed WSP to do survey works. (09/10/2014) Further meeting next Tuesday there will require a 1 day down time to transfer over EW may be required but this will be decided after meeting 23/10/2014. Noted that Air Products are to provide information re revised base so WSP can design slab/base. BMCL will need to divert Oxygen main in that area. GW enquired what BMCL should do about the costs incurred as the slab is now a lot bigger than what was agreed. AFe suggested that BMCL should firstly ascertain if a piling solution will be required. DH noted that this is a timing issue re patient safety. (30/10/2014) GW advised that he would raise an EW as these works will fall outwith the completion period. DP advised that he had received the drawing and would issue this to the NHS for review. GW agreed to raise an EW regarding this matter. (19/11/2014)
- Bridge tie in @ neuro – DP advised that he needed a date for this work. GF to liaise with PMcG today. (09/10/2014) As noted in EW 23/10/2014. AFe advised that the opening of the link bridge had been discussed with Gillon and it was anticipated that BMCL should be able to complete the works and stay open by April 2015. PM was requested to provide feedback re the windows. (30/10/2014) DL noted that the date is 24<sup>th</sup> November 2014 (13/11/2014)
- Food waste – DP advised that BMCL are having difficulty with Dawsons as they will not go into contract with Mercury or BMCL. Dawson give their equipment to an installer. The installer hasn't been through the H&S checks. BMCL are pursuing Dawsons. BMCL have an alternate solution and would want them to meet with the NHS. AFe noted that BMCL will have internal issues re warranties. PM requested that BMCL progress with Dawsons in the first instance and organize for alternate supplier to meet with NHS/BMCL. AFe advised that he would issue this as an EW. (09/10/2014) DWL to speak to rep from dawsons 23/10/2014. AFe noted that BMCL will need to cut a chase in the service yard at the Labs and BMCL will liaise with the NHS re these works. PM advised this should be dealt with/raised as necessary. (30/10/2014) DP noted that the preliminary works were being commenced and Dawsons would then come in and do the walls and the ceilings then go off site until January. It was agreed this item could now be closed (13/11/2014)
- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014. DH advised that he had discussed this and it was thought that a PMI is not necessary (30/10/2014) GW to provide information to DH as DH had suggested that there has been a significant increase to the cost for the 3 small hatches. (13/11/2014)
- Pharmacy Roller Shutter - changes required? 23/10/2014 DP advised that he is awaiting info from FW re change to be made (30/10/2014) DH noted that there was an omission to the small shutter to the vending in AAU. PM agreed to review on site and confirm way forward to BMCL (13/11/2014)
- Lift Protection - clarity on which will be required to have protection remaining - meeting required to clarify 23/10/2014. PM advised that he would discuss this with KC and AT what lifts are planned to be used during the 12 week commissioning (30/10/2014) DP noted that meeting had taken place – NHS to confirm the curtains (13/11/2014)
- Xray rooms - some enabling works to be undertaken to allow installation of Samsung Digital X-Ray equipment. DH will review and advise. 23/10/2014. Noted that this matter is covered under PMI 310 therefore this item can be closed. (30/10/2014)


- Blind controls – noted that the grommet between the blind fittings and pole can break in certain circumstances and are being replaced to all windows. (30/10/2014)
- TDSL window – issue has been identified and TDSL are investigating – it was thought the grub screw needs to be looked at. (30/10/2014) AFe advised that a review was being carried out. It was agreed this item could be closed (13/11/2014)
- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014) DP advised that the 1<sup>st</sup> panel is due to be on site on 14<sup>th</sup> November 2014. DP would organize for ISandford to confirm that he is ok with the set-up. Confirmation of panel demonstration is awaited (13/11/2014)
- MRI rooms – DH noted that there is a clash between the isolator and Siemens – Siemens need the wall clear for their works (13/11/2014)
- County Air Ambulance Trust – DS advised that he had sent info to DL and PM. They are looking to extend their operation into Scotland. A rep will be visiting Glasgow in December 2014. There may be an opportunity to get a non-refundable grant towards the helipad and BMCL were furthering discussions as they are very interested in the SGH helipad. (13/11/2014)
- Impact of MRI quench pipes on Helipad – DH advised that this had been raised as a potential risk to Helicopter landings. The quench pipe is 40m below the helipad. DH enquired if there is a way to close out this item. DL suggested that the rep should be asked to provide evidence. AFe suggested that DH should liaise with Siemens. (13/11/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**


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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 26/11/2014:

<div>  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23504	BMCE-EWN-000149	AGV Lift Segregation	21/01/2014	<p>Following the recent Swisslog AGV TCMS2 software simulation, we have been advised by Swisslog the current Clean &amp; Dirty lift segregation is detrimentally affecting their delivery systems and matrix times. Therefore, currently as the project stands, the AGV system is non-compliant with NHS ER's.</p> <p>Swisslog propose remove AGV Clean &amp; Dirty lift segregation to allowing all AGV's to use any AGV lift. NHS Infection Control Procedures for AGV Lifts Core C, D, F, H &amp; K to be reviewed.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 26/11/2014

<div>  </div>					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
20424	NHS EW 051	Cold Water Storage Tanks	<p>15/01/2014</p> <p>16/01/2014</p> <p>23/01/2014</p> <p>30/01/2014</p> <p>13/02/2014</p> <p>27/02/2014</p> <p>06/03/2014</p>	<p>An Estates &amp; Facilities Alert has been issued by Health Facilities Scotland relating to the use of hollow PVC-U pipes (or similar) within cold water tanks as a support structure for the lid. It notes that these are likely to harbour stagnant water and consequently harmful micro-organisms. The actions required by the alert include tank inspections and replacement of supports with solid members as the preferred option. It also states that suppliers should be alerted to this issue.</p> <p>An initial, joint, review undertaken has identified that the supports in the new water storage tanks are indeed hollow pipes as described and therefore corrective action is required.</p> <p>DP advised that BMCL were identifying what could be carried out with minimal change/disruption and would provide a proposal to the NHS.</p> <p>DP advised that he had put the alert to Mercury and Decca Plastics. DP suggested that the support structure for the lid could be drilled and make it into a "colander effect". DH requested that this be provided as a formal proposal. Consideration needed to be given to how many holes can be drilled before impacting on the structural integrity. DP noted that he would wait for a formal response from Mercury &amp; Decca Plastics.</p> <p>DP noted that he would push Mercury and Decca Plastics for a response. DP had liaised with Mercury the previous day.</p> <p>DP advised that the tank manufacturer had been on site and reviewed the tanks and a formal report is awaited re proposals to have the tanks in line with the EF alert.</p> <p>DP expected to be able to provide a response to the NHS in the next 7-10 days.</p> <p>Report anticipated shortly</p> <p>DP noted that he has met with Mercury and Decca Plastics and is awaiting their proposals for addressing</p>	20/11/2014

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				the safety action notice. Any works required will occur in the period prior to handover when they require to be emptied and cleaned in any case.	
			20/03/2014	DP advised that it was proposed to confirm the way forward w/c 24/03/2014 however at this time it was being proposed to have a solid support rather than 'colander' style support.	
			27/03/2014	DP advised that this item had been escalated with Mercury as there was currently a window of opportunity to resolve with minimal impact. DP noted that there would be another window of opportunity if works cannot be undertaken now. DH advised that the NHS needed to understand the detail of what will be done and DP agreed to provide this information in due course.	
			04/04/2014	GW noted that DP had advised that the works need to be done but not an issue if not undertaken in advance of the first fill up.	
			10/04/2014	DH advised that the NHS needed BMCL to confirm what they intended to do so that this could be fed back to the NHS GG&C Estates Dept.	
			17/04/2014	DP advised that formal report is awaited. The tubes are not structural support. The report would be provided asap.	
			24/04/2014	DP reported that BMCL had not progressed any potential solutions however the tank manufacturer may have and that BMCL would assess if solutions had been progressed. Formal report awaited from tank manufacturer for provision to the NHS.	
			08/05/2014	DP advised that he was awaiting feedback and would pursue and provide an update at the next meeting.	
			15/05/2014	DP advised that he was continuing to pursue the formal report.	
			22/05/2014	DP to progress.	
			12/06/2014	Work in progress, action on DP.	
			26.06.2014	This item now becoming urgent, a decision is required by September 14, and working back from this date to go through a review process with HFS, the 'collander option' needs to be written up and tested.	
			03/07/2014	DP advised he would push on the write up of the proposed option.	
			10/07/2014	DP advised it is the intention to have the write-up of the report closed off by 24 <sup>th</sup> July 2014.	
			31/07/2014	DP advised this is WIP to conclude and the focus was to conclude before cop 8 <sup>th</sup> August 2014.	
			14/08/2014	DP to provide update on return from leave	
			21/08/2014	DP to provide an update urgently as EW to be closed out asap.	
			04/09/2014	DH advised that he had received a note from DP in which he indicated a £15k additional cost. DH advised that the NHS needs to understand when remedial works can be carried out.	
			11/09/2014	DP advised that it was proposed to carry out the remedial works in October s the tanks will be getting emptied before the major sterilization works are undertaken. DP was requested to check how far down the support pipes the holes will be drilled as there was concern that if there is still a solid section at the bottom of the pipe that the issue will not have been solved and suggested that a slot at the bottom would need to be cut in the pipe. DP noted that cost of the works is circa £20k as some tanks had been missed of the initial costing exercise. DP agreed to confirm the size of the holes.	
			25/09/2014	GW provided the following update on behalf of DP = 10mm, 300 centres ,slots to be cut out at the bottom. DH requested that DP write to confirm the way forward so that this information can be passed to HFS through IP as a response to the Safety Action Notice. DS enquired if this solution had been accepted on other schemes and DH advised that the proposals had not been accepted. DH enquired if there was any indication as to how HFS would respond and DH noted there was no indication however the proposal was logical and would stop the pipe from sludging up.	
			02/10/2014	PM advised that information had been provided to IP for forwarding to HFS. DP advised that BMCL will be progressing on the basis of the information provided, system N+1 therefore changes can be made as late	

			09/10/2014 23/10/2014 30/10/2014 13/11/2014 20/11/2014	<p>as January 2015.</p> <p>PM enquired if a response was awaited from IP and DP confirmed that BMCL were awaiting a response. PM advised he would liaise with IP.</p> <p>DH agreed to check on the progress of this. AFe reported that the columns have had perforations and slots cut and it will now be necessary to check that HFS are satisfied with the proposed solution - DH agreed to check with IP whether any response has been received.</p> <p>DH advised that formal feedback is awaited from HFS and he would pursue the feedback</p> <p>PM advised that he was awaiting a paper from IP and that the paper was expected imminently. It is proposed to change them and confirmation would be provided to BMCL asap.</p> <p><b>It was noted that this item can now be closed as PMI 312 issued.</b></p>	
22802	NHS EW 053	Curtain Tracks	26/09/2014  09/10/2014 24/10/2014 30/10/2014 13/11/2014 20/11/2014	<p>The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p> <p>PM advised that he would discuss this internally and report back.</p> <p>A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between two curtains when pulled fully closed - sub-contractor will be asked to review and amend the track if required.</p> <p>DH advised that he had undertaken a site visit with IHamilton and a solution to conclude the matter in A&amp;E and CC resus bays had been identified. DH would provide information to BMCL re variance in curtain track heights at half wall.</p> <p>DH and AFe had previously discussed this item and it had been agreed that IHamilton is going to arrange a sample for NHS review.</p> <p><b>AFe noted that the sample is awaited and the NHS will be advised asap when the sample is available – will be a shortened sample.</b></p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 26/11/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p>	

			<p>10/07/2014 PM advised that he was awaiting cost for the feasibility study.</p> <p>24/07/2014 PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>31/07/2014 DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>14/08/2014 GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>21/08/2014 AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>28/08/2014 It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>11/09/2014 DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>25/09/2014 Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p> <p>02/10/2014 DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&amp;B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up &amp; down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overclad design review could be carried out in the same meeting.</p> <p>PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and BMCL should have highlighted all the risks. BMCL were in the process of identifying a panel carrier system which can be retrofitted. AFe advised that the programme to achieve a finished clad building in time for the royal opening is difficult noting that the timescale for the works is indicated as circa 36 weeks. PM noted that the NHS would be unable to signoff the proposals until the</p>
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			09/10/2014	<p>Planning permission is granted.</p> <p>AFe advised that BMCL had met with CladUK who had subsequently provided an indicative price based on a standard panel. CladUK advised that the standard panel they use does not provide thermal gain as it is a vented system (top and bottom) however a formal response is awaited. BMCL anticipate obtaining a firmed up price for the works after the school holiday period. Once BMCL ensure that the price is in the NHS cost range then will apply for planning permission. DR requested that BMCL provide a programme for the cladding works in order that the NHS can identify and plan for when areas/offices, etc need to be vacated. AFe proposed that BMCL would mark-up a drawing to show the corridor works and ward/clinical area works noting that the corridor works will be quicker to do. It was noted that BMCL are seeking a fixed price for the works from CladUK. AFe noted that the cladding and window works sit separately. DR noted that it would be helpful if BMCL could reduce the price as the current price was close to the NHS budget for the works and this would assist to achieve approval of the INS Entrance works funding.</p>	
			23/10/2014	<p>A sample board of the cladding to be provided to show options. AFe noted that the cost was not hugely different. A review of the risks required for window replacement activities. The area of elevation for the ICE building abutment now removed from the costs and repricing is completed. It was agreed that BMCE and NHS to meet next week to review. The next stage once agreed is to engage planning and project a start on site date - anticipated to be around March 2015. Design and warrents plus SER take around 12-14 weeks but BMCE will push to shorten this time. Cashflow - progress design up to Christmas and place order for all materials in order to maximize spend within current financial year.</p>	
			30/10/2014	<p>GW noted that a further conversation with Clad UK had taken place and proposal repriced on the basis of these discussions. BMCL would be discussing with D&amp;B Facades in due course. GW enquired about the drop dead date for NHS approval and DR confirmed that BMCL were to progress Planning as Planning is the driver for approval as is being dealt with through the Board's Capital Plan.</p>	
			13/11/2014	<p>DS advised that he had made a couple of enquiries which had identified that a) the building could be overclad without insulating, b) building too hot as is so insulating c) Building Standards Division advised that should insulate, d) Building Control indicated that they could only decide on basis of application. DS was due to meet with RBarlow on 19/11 and he would raise the subject with RBarlow at this meeting. DS noted that if there is no requirement to insulate then the way forward was known. If the building did need to be insulated then the NHS would need to deal with the cooling of the building. DS suggested that it would be beneficial if a survey of the building environmental was undertaken. AFe advised that he was getting the drawings updated for review by the NHS. DL noted that it was disappointing that only now being advised of the Building Regulations and that the cost of the overclad project was getting close to being above the NHS financial envelope. If the NHS require to do anything re infrastructure to the building then the project may not go ahead. DL enquired if there was any opportunity to get the project through as the windows will improve the heat loss. PM advised that Glasgow University had just overclad a building without needing to insulate it. AFe advised that it was D&amp;B Facades who had only recently suggested that insulation may be required. DL noted that it was only to be an aesthetic treatment to the building. DH suggested that the NHS have to achieve the cashflow. AFe noted that the cost provided to the NHS is for an insulated building. DR agreed to contact Glasgow University for information about their recent overclad project. PM agreed to contact DNimmo to advise that</p>	

			20/11/2014	<p>BMCL will be contacting him. DR advised that JMurray had previously been provided with a copy of the feasibility study. DL advised that Robert Kilpatrick was the engineer and may be a good point of contact. DR noted that DNimmo may be the best person to speak to.</p> <p>PM advised that he had emailed RKilpatrick the previous week. DS noted that Building Control have advised that the panels do not need to be insulated. DL noted that the way forward re the cavity barrier would need to be agreed. It was noted that BMCL need to provide the programme as the NHS have cashflow to achieve. DS noted that there had been a previous discussion regarding the vesting of materials. AF agreed to provide the programme asap. DL enquired whether a staged warrant was required and DS advised that the overclad is a single application and the entrance works is in 6 stages. AF noted that BMCL were checking for any savings which could be obtained as insulated panel now required.</p>	
3029	PMI 308	INS Entrance Works	<p>10/10/2014</p> <p>23/10/2014</p> <p>30/10/2014</p>	<p>Further to PMI 294 and submission of the cost estimate on 22 September 2014 in sum of £3,702,968 it is confirmed that it is the intention of the Board to proceed with these works and to issue a Compensation Event to formalise the contractual arrangements. This PMI should be taken as an instruction for Brookfield Multiplex to progress design and procurement. In order to finalise the Compensation Event the following should be completed by 24th October 2014:-</p> <ol style="list-style-type: none"> <li>1. Planning Permission approval received</li> <li>2. Complete RIBA Stage 3 design for underground drainage in order that "Provisional" note included in submitted price can be removed</li> <li>3. Complete RIBA Stage 3 design for external works in order that "Provisional" note included in submitted price can be removed</li> <li>4. Complete RIBA Stage 3 design for building services in order that exclusions / caveats can be finalised</li> <li>5. Update design, procurement and construction programme</li> <li>6. Prepare a full information pack of all PMI 294 RIBA Stage 3 deliverables to be attached to the Compensation Event</li> </ol> <p>Prior to finalisation of the Compensation Event the Board confirm it will underwrite all eligible costs in developing the INS Entrance works.</p> <p>CE noted with 6 actions - this is tied to planning and pack is to be made ready in anticipation of planning approval receipt. DWL noted that time will need to be given to allow information relay to users. Date for break into INS has now been altered. Conflicting requirements between projects relation to the opening of the bridge link to be resolved by dialogue.</p> <p>Bridge opening - a conversation will be required with users. It may be possible to create a fire box within the bridge during external works and a plan in place for its removal at the completion of the works - it was to be noted that access requires to remain for potential movement of patients to theatres.</p> <p>PM noted that there were some matters to conclude. GW noted that there is 4 issues against the £200k i.e. landscaping, suds/drainage, additional cost re existing infrastructure and mercury costs for lights. The mercury costs are being checked. DR noted that there is a plan to work through the money however nothing can be done until get planning. AFE noted that GB is chasing up Jim for the outcome of the planning application on a bi-daily basis. AFe noted that planning are asking for a PI and the consultants won't give a PI.</p>	20/11/2014

			13/11/2014	DL advised that the NHS were due to issue a PMI. DR advised that the costs had been agreed and he was drafting the PMI for issue. GW was requested to provide the cost plan for the works. DS raised concern that there had been an initial meeting which GDonnelly had attended and no issues had been raised however GDonnelly has now come back with an issue re sprinklers to 1 room. It was suggested that the fire rating of the room should be improved. DH advised that he had read the regs and there are options to provide another form of suppression. DS advised that BMCL will pursue a view agreement with Building Control in respect to the location of the Aroma/patient adjacency.	
			20/11/2014	Item closed as CE066 issued.	
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
3061	PMI 310	ADAPTATIONS TO BUILDING SERVICES FOR IMAGING EQUIPMENT INSTALL	27/10/2014	Please proceed with the attached amendments to services/equipment as per the attached schedule. Costs for same to be incorporated in the Group1 equipment list.  The Board request that alterations to 13no. General X-Ray rooms, as listed on the attached schedule, are undertaken to facilitate the installation of Samsung Digital X-Ray equipment by MIS Ltd. The alterations are limited to:  - removal of temporary/permanent containment at desk locations - relocation of sprinkler heads - removal of RAC1020 pigeon hole units - relocation of wireless access points	

			<p>13/11/2014</p> <p>20/11/2014</p>	<ul style="list-style-type: none"> <li>- removal of emergency stop buttons in 3 locations</li> <li>- Relocation of nurse call/reset panel in 2 locations</li> <li>- Relocation of lead apron rack.</li> </ul> <p>Works to include, where necessary, making good of lead lining and finishes.</p> <p>DH noted that the works are ongoing. DH was being advised that the works are not being carried out quick enough. DP noted that resources are being diverted to carry out the adaptations when it was possible to do so as BMCL were ensuring no impact to other works.</p> <p>DH noted that the majority of works have been carried out. GW advised that he would provide tge cost info asap.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	<p>10/11/2014</p> <p>13/11/2014</p> <p>20/11/2014</p>	<p>The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228for connection of 'stacks' to the pendant.</li> </ol> <p>DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p> <p>AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015.DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</p>	
3104	PMI 312 -	ADULT & CHILDREN'S HOSPITAL - COLD WATER STORAGE TANKS	<p>17/11/2014</p> <p>20/11/2014</p>	<p>Please replace the installed hollow lid supports with solid supports.</p> <p>In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on 19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks.</p> <p>GW advised that he would confirm the costs to the NHS asap. Thereafter CE to be issued by the NHS.</p>	



3105	PMI 313 -	MRI Room Services	17/11/2014	<p>The following items require to be addressed to allow co-ordination with the Siemens installations within the 4no. MRI suites, in the following order to follow the installation programme.</p> <p>RCG -064 (MRI Scanner): Waste pipework from drip tray beneath SWVP to be re-routed away from vent ductwork and connected to drainage</p> <p>RCG-065 (Technical Room): Existing PAN013 to be replaced with isolator to allow installation of supplier switchgear</p> <p>RAG - 123 (Technical Room): Electrical switchgear currently located on wall backing on to RAG-112 to be relocated on to wall backing on to MIL-007/MIL-004 set out min 2.5m from original wall, all to allow installation of penetration panel and equipment cabinets</p> <p>RAG-109 (MRI Room): Quench pipe entering from RAG-110 to be raised to above Faraday Cage level(exact requirement to be confirmed) and existing support to be modified to eliminate likelihood of damage/corrosion due to contact between different metals</p> <p>RAG-110 (Technical Room): Review cooling requirements, and if acceptable, remove 1no. Airedale downflow unit backing on to RAG-111. Relocate switchgear from current position to location vacated by downflow unit including replacing PAN 013 with isolator switch</p> <p>RCF - 042: Remove existing PAN-013 and locate new isolator to RHS of door leaving space for supplier switchgear</p> <p><b>AFe advised this PMI needed to be discussed. DH noted that the revised works to RCG 064 needs to be complete by Monday 24<sup>th</sup> November 2014 as the Group 5 supplier commences their works on 24/11/2014.</b></p>	
3106	PMI 314 -	Fluoroscopy Equipment Co-ordination	17/11/2014	<p>The Board request that the wall mounted IPS control panel in the Endoscopy room (RAF-009) is relocated to allow positioning of the equipment generators.</p> <p>It is proposed that, subject to size/depth of the panel, it is relocated onto the control desk trunking/power pole being installed by Phillips as part of the Group 5 installation.</p>	
3112	PMI 315	ADULT & CHILDREN'S HOSPITALS - PROTECTIVE CURTAINS FOR LIFTS	19/11/2014	<p>Please order and install hanging studs and protective fabric drapes as detailed in the attached drawing and specification.</p> <p>Please proceed and have stud fixings for hanging protective drapes in lift cars installed in 8 No. lifts cars as detailed on the attached drawing.</p> <p>Please provide 6 sets of protective lift drapes as detailed on the attached schedule, sized for the specific lifts noted. Note some lifts will share 1 set of drapes.</p> <p>Provide storage bags as noted in Schindler quotation (also attached).</p> <p>Please confirm total cost incl of OHP and confirm these item will be added to the Group 1</p>	

			20/11/2014	equipment list. GW noted that JBaillie will deal with the costs later that day. DH suggested that there was already a fixed costs provided for the works.	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014 25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	
13594	CE 065	Adverse Weather Cross reference BMCL EW 141 & 142	12/11/2014	The Board confirm that during December 2013 & February 2014 there were a series of isolated 1 in 10 year weather events. The impacts have been collectively assessed and a CE is due under the contract.	26/11/2014
13598	CE 066	Neurosurgical Block - Extension to main entrance	13/11/2014  20/11/2014	The Board instruct Brookfield Multiplex to carry out and complete the INS Entrance extension works all as set out in Brookfield Multiplex submission document dated 24th October 2014 titled "Response to Project Managers Instruction 308 INS Entrance Works" and for the agreed target price adjustment of £3,826,354.00.  These works will be classified as Stage 4 of the contract signed 18th December 2009 , and subject to specific contractual terms additions / amendments:- Data Part Contract 1 – Data Provided by the Employer <ul style="list-style-type: none"> <li>Clause 3 Time: Access Date Start on Site – Stage 4: 19th January 2015.</li> <li>Optional Statements Employer risks – Appendix E Board risks remain, with exception of weather where base date for assessment of employer risks will the date of this Compensation Event, and ground conditions where all available additional information obtained since contract award 18th December 2009 has been considered</li> <li>Optional Clause X5: Completion Date - 58 calendar weeks from start date</li> </ul> It was noted that JDPierce had been lined up for later in the week and a call had been put into to get the reps on site from 24/11/2014. Gillon is the BMCL point of contact for these works. BMCL sought confirmation of the NHS point of contact. GW advised that he had issued an updated cashflow to GF on 19/11/2014	26/11/2014

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) **DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014 Meeting organized on 31/10/2014 to discuss (30/10/2014) **PM advised that the CMB was under consideration and requested that AFe confirm the number of BMCL which**

require to be accommodated. AFe confirmed that the preference was for BMCL to be on the ground floor. Afe suggested that the office block could remain on site until May – cabins to be removed June. PM suggested that the NHS floor would be closed in February (13/10/2014)



- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014) DP advised that he was setting up a meeting with Air Products, I Sandford, I Powrie, NHS and BMCL. GW advised that in the meantime BMCL have instructed WSP to do survey works. (09/10/2014) Further meeting next Tuesday there will require a 1 day down time to transfer over EW may be required but this will be decided after meeting 23/10/2014. Noted that Air Products are to provide information re revised base so WSP can design slab/base. BMCL will need to divert Oxygen main in that area. GW enquired what BMCL should do about the costs incurred as the slab is now a lot bigger than what was agreed. AFe suggested that BMCL should firstly ascertain if a piling solution will be required. DH noted that this is a timing issue re patient safety. (30/10/2014) GW advised that he would raise an EW as these works will fall outwith the completion period. DP advised that he had received the drawing and would issue this to the NHS for review. GW agreed to raise an EW regarding this matter. (19/11/2014) **DS noted that the SI had been completed. Once the SI report has been received then the design of the slab will be commenced. (20/11/2014)**
- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014. DH advised that he had discussed this and it was thought that a PMI is not necessary (30/10/2014) GW to provide information to DH as DH had suggested that there has been a significant increase to the cost for the 3 small hatches. (13/11/2014) **DH advised that he had the information re cost for changes and would discuss these with FW and confirm the NHS requirements asap thereafter (20/11/2014)**
- Pharmacy Roller Shutter - changes required? 23/10/2014 DP advised that he is awaiting info from FW re change to be made (30/10/2014) DH noted that there was an omission to the small shutter to the vending in AAU. PM agreed to review on site and confirm way forward to BMCL (13/11/2014) **It was noted that it had been previously agreed that the shutter should be left in place. It was agreed that the NHS would review this on site to check that this will not foul with the vending machines.(20/11/14)**
- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014) DP advised that the 1<sup>st</sup> panel is due to be on site on 14<sup>th</sup> November 2014. DP would organize for ISandford to confirm that he is ok with the set-up. Confirmation of panel demonstration is awaited (13/11/2014) **AF noted that the panel hadn't arrived however DP was progressing the delivery of the panel (20/11/2014)**
- Swisslog – DH noted that the NHS needed confirmation of what is included in the Swisslog Maintenance contract and GW agreed to investigate (20/11/2014)
- VIE/Turning circle – it was noted that the NHS Had thought that BMCL were going to speak to WSP re how they had done the swept path analysis – it was established on site that there was an issue with a manhole cover which meant that the lorry delivering to the VIE could not use this area. The man-hole cover has now been replaced and the lorry driver is to come back and check he is now ok to use the full area. (20/11/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**


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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 03/12/2014:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23504	BMCE-EWN-000149	AGV Lift Segregation	21/011/2014  27/11/2014	<p>Following the recent Swisslog AGV TCMS2 software simulation, we have been advised by Swisslog the current Clean &amp; Dirty lift segregation is detrimentally affecting their delivery systems and matrix times. Therefore, currently as the project stands, the AGV system is non-compliant with NHS ER's.</p> <p>Swisslog propose remove AGV Clean &amp; Dirty lift segregation to allowing all AGV's to use any AGV lift. NHS Infection Control Procedures for AGV Lifts Core C, D, F, H &amp; K to be reviewed.</p> <p>GW advised that the way forward had been agreed between KConnelly and CGrindlay. DH advised that essentially are not separating the clean and dirty or the vertical – PMI to be provided to BMCL to confirm acceptance of change from ERs.</p>	
		VIE		To be raised (see notes section for further information)	
		Link Bridge at Neuro and impact on INS Entrance		<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 03/12/2014


<div>  </div>					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
22802	NHS EW 053	Curtain Tracks	26/09/2014  09/10/2014 24/10/2014	<p>The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p> <p>PM advised that he would discuss this internally and report back.</p> <p>A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between two curtains when pulled fully closed - sub-contractor will be asked to review and amend the track if required.</p>	

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			30/10/2014	DH advised that he had undertaken a site visit with IHamilton and a solution to conclude the matter in A&E and CC resus bays had been identified. DH would provide information to BMCL re variance in curtain track heights at half wall.	
			13/11/2014	DH and AFe had previously discussed this item and it had been agreed that IHamilton is going to arrange a sample for NHS review.	
			20/11/2014	AF noted that the sample is awaited and the NHS will be advised asap when the sample is available – will be a shortened sample.	
			27/11/2014	DH advised that he had seen a sample and was content with the sample however would want a certain piece cut out (middle leg to support). FMcCluskey had also been asked to review the sample. DH would provide an instruction later that day.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 26/11/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014	RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.  Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.	
			10/07/2014	PM advised that he was awaiting cost for the feasibility study.	
			24/07/2014	PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.	
			31/07/2014	DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.	
			14/08/2014	GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.	
			21/08/2014	AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.	
			28/08/2014	It was noted that the price and the programme were to be provided to the NHS on 29/08/2014	
			11/09/2014	DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.	

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			<p>25/09/2014</p> <p>02/10/2014</p> <p>09/10/2014</p> <p>23/10/2014</p>	<p>Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p> <p>DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&amp;B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up &amp; down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overclad design review could be carried out in the same meeting. PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and BMCL should have highlighted all the risks. BMCL were in the process of identifying a panel carrier system which can be retrofitted. AFe advised that the programme to achieve a finished clad building in time for the royal opening is difficult noting that the timescale for the works is indicated as circa 36 weeks. PM noted that the NHS would be unable to signoff the proposals until the Planning permission is granted.</p> <p>AFe advised that BMCL had met with CladUK who had subsequently provided an indicative price based on a standard panel. CladUK advised that the standard panel they use does not provide thermal gain as it is a vented system (top and bottom) however a formal response is awaited. BMCL anticipate obtaining a firmed up price for the works after the school holiday period. Once BMCL ensure that the price is in the NHS cost range then will apply for planning permission. DR requested that BMCL provide a programme for the cladding works in order that the NHS can identify and plan for when areas/offices, etc need to be vacated. AFe proposed that BMCL would mark-up a drawing to show the corridor works and ward/clinical area works noting that the corridor works will be quicker to do. It was noted that BMCL are seeking a fixed price for the works from CladUK. AFe noted that the cladding and window works sit separately. DR noted that it would be helpful if BMCL could reduce the price as the current price was close to the NHS budget for the works and this would assist to achieve approval of the INS Entrance works fundng.</p> <p>A sample board of the cladding to be provided to show options. AFe noted that the cost was not hugely different. A review of the risks required for window replacement activities. The area of elevation for the ICE building abutment now removed from the costs and repricing is completed. It was agreed that BMCE and NHS to meet next week to review. The next stage once agreed is to engage planning and project a start on site date - anticipated to be around March 2015. Design and warrants plus SER take around 12-14 weeks but BMCE will push to shorten this time.</p>	
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			30/10/2014	Cashflow - progress design up to Christmas and place order for all materials in order to maximize spend within current financial year.	
			13/11/2014	GW noted that a further conversation with Clad UK had taken place and proposal repriced on the basis of these discussions. BMCL would be discussing with D&B Facades in due course. GW enquired about the drop dead date for NHS approval and DR confirmed that BMCL were to progress Planning as Planning is the driver for approval as is being dealt with through the Board's Capital Plan.	
			20/11/2014	DS advised that he had made a couple of enquiries which had identified that a) the building could be overclad without insulating, b) building too hot as is so insulating c) Building Standards Division advised that should insulate, d) Building Control indicated that they could only decide on basis of application. DS was due to meet with RBarlow on 19/11 and he would raise the subject with RBarlow at this meeting. DS noted that if there is no requirement to insulate then the way forward was known. If the building did need to be insulated then the NHS would need to deal with the cooling of the building. DS suggested that it would be beneficial if a survey of the building environmental was undertaken. AFe advised that he was getting the drawings updated for review by the NHS. DL noted that it was disappointing that only now being advised of the Building Regulations and that the cost of the overclad project was getting close to being above the NHS financial envelope. If the NHS require to do anything re infrastructure to the building then the project may not go ahead. DL enquired if there was any opportunity to get the project through as the windows will improve the heat loss. PM advised that Glasgow University had just overclad a building without needing to insulate it. AFe advised that it was D&B Facades who had only recently suggested that insulation may be required. DL noted that it was only to be an aesthetic treatment to the building. DH suggested that the NHS have to achieve the cashflow. AFe noted that the cost provided to the NHS is for an insulated building. DR agreed to contact Glasgow University for information about their recent overclad project. PM agreed to contact DNimmo to advise that BMCL will be contacting him. DR advised that JMurray had previously been provided with a copy of the feasibility study. DL advised that Robert Kilpatrick was the engineer and may be a good point of contact. DR noted that DNimmo may be the best person to speak to.	
			27/11/2014	PM advised that he had emailed RKilpatrick the previous week. DS noted that Building Control have advised that the panels do not need to be insulated. DL noted that the way forward re the cavity barrier would need to be agreed. It was noted that BMCL need to provide the programme as the NHS have cashflow to achieve. DS noted that there had been a previous discussion regarding the vesting of materials. AF agreed to provide the programme asap. DL enquired whether a staged warrant was required and DS advised that the overclad is a single application and the entrance works is in 6 stages. AF noted that BMCL were checking for any savings which could be obtained as insulated panel now required.	
				AFe advised that revised prices had been received from CladUK and that D&B Facades would provide prices (excluding the insulation) later that day. BMCL were proposing to instruct the contract based on the previous proposals. PM advised that the NHS required drawings and a confirmed price based on insulated panels so can sign-off the proposals whilst awaiting formal confirmation from BMCL that they will accept the use of non-insulated panels. GW advised that PHeath is awaiting a price from D&B Facades for the non-insulated panel. It was noted that there had been an agreement to overpaint some of the panels at the rear of the building. PM advised that he would want to be able to close this item out by cop 28/11/2014.	

3040	PMI 309	Langlands Drive Bus Lay- by Service Diversions	<p>16/10/2014</p> <p>23/10/2014</p> <p>30/10/2014</p> <p>13/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p>	<p>Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p> <p>PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.</p> <p>DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.</p> <p>DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.</p> <p>DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p><b>AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</b></p>	
3061	PMI 310	ADAPTATIONS TO BUILDING SERVICES FOR IMAGING EQUIPMENT INSTALL	<p>27/10/2014</p>	<p>Please proceed with the attached amendments to services/equipment as per the attached schedule. Costs for same to be incorporated in the Group1 equipment list.</p> <p>The Board request that alterations to 13no. General X-Ray rooms, as listed on the attached schedule, are undertaken to facilitate the installation of Samsung Digital X-Ray equipment by MIS Ltd. The alterations are limited to:</p> <ul style="list-style-type: none"> <li>- removal of temporary/permanent containment at desk locations</li> <li>- relocation of sprinkler heads</li> <li>- removal of RAC1020 pigeon hole units</li> <li>- relocation of wireless access points</li> <li>- removal of emergency stop buttons in 3 locations</li> <li>- Relocation of nurse call/reset panel in 2 locations</li> <li>- Relocation of lead apron rack.</li> </ul>	

			13/11/2014	Works to include, where necessary, making good of lead lining and finishes. DH noted that the works are ongoing. DH was being advised that the works are not being carried out quick enough. DP noted that resources are being diverted to carry out the adaptations when it was possible to do so as BMCL were ensuring no impact to other works.	
			20/11/2014	DH noted that the majority of works have been carried out. GW advised that he would provide the cost info asap.	
			27/11/2014	DH noted that the alterations are work in progress. Costs are needed asap. GW reported that Mercury have advised that they will provide the costs later that day.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.	
			13/11/2014	DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015.	
			20/11/2014	AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.	
			27/11/2014	DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	
3104	PMI 312 -	ADULT & CHILDREN'S HOSPITAL - COLD WATER STORAGE TANKS	17/11/2014	Please replace the installed hollow lid supports with solid supports.	
			20/11/2014	In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on 19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks. GW advised that he would confirm the costs to the NHS asap. Thereafter CE to be issued by the NHS.	



			<p>20/11/2014</p> <p>27/11/2014</p>	<p>Provide storage bags as noted in Schindler quotation (also attached).</p> <p>Please confirm total cost incl of OHP and confirm these items will be added to the Group 1 equipment list.</p> <p>GW noted that JBaillie will deal with the costs later that day. DH suggested that there was already a fixed costs provided for the works.</p> <p>GW advised that BMCL were obtaining firm costs. AF noted that the instruction had been issued to Schindler.</p>	
3138	PMI 316	Proposed alteration to AAW-170 Auto Dispense Room	01/12/2014	<p>The Board requests a quotation to alter room no. AAW-170 Auto Dispense in accordance with the attached mark-up omitting the following:</p> <p>a) COU8037 - reception counter (part installed)</p> <p>b) CAL001 - fit with blank plate to existing back box</p> <p>b) CAL036</p> <p>d) STF290L</p> <p>Board supplied items:</p> <p>a) COMP1000</p> <p>b) CHA004</p> <p>will not be provided</p> <p>The following services:</p> <p>a) DATA1000 are to be installed in the surface trunking as per attached sketch.</p> <p>It is proposed that these works are to be undertaken post completion and are to be completed by Thursday 12th March 2015.</p>	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	<p>12/09/2014</p> <p>25/09/2014</p>	<p>Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289.</p> <p>Agreed item to be closed</p> <p>PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell</p>	
13780	CE 067	Neurosurgical Block - Overclad Works Planning Application	03/12/2014	You are instructed to prepare and submit as soon as possible, a full application for planning consent for the above project. Please undertake any associated surveys.	

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) **DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014



Meeting organized on 31/10/2014 to discuss (30/10/2014) PM advised that the CMB was under consideration and requested that AFe confirm the number of BMCL which require to be accommodated. AFe confirmed that the preference was for BMCL to be on the ground floor. Afe suggested that the office block could remain on site until May – cabins to be removed June. PM suggested that the NHS floor would be closed in February (13/10/2014) PM advised that he had passed a draft paper to DLoudon. PM would provide a copy of the paper to AF asap. The proposed area that the NHS are moving into will need to be deep cleaned and decorated and IT installed. PM would liaise with DL to ascertain when the paper would be discussed with RC.

- VIE – change to Air Products requirements – GW to raise EW (03/09/2014) GW advised that BMCL were pulling together a report of what happened and when. BMCL always understood they would have to extend the slab but never agreed to build a new longer and thicker slab for the VIE. DH advised that the NHS have a proposal to be discussed (i.e. doubling up the tanks instead of purchasing a new larger tank). Discussion to be had with DP, DH, and IS to check if there are any technical issues with this proposal i.e. manifolding the tanks together. GW noted that the bigger slab requires a new piled solution not an extension to the slab. GW noted that there were implications to the programme should a piled foundation be required. (04/09/2014) DP noted that he had asked WSP to commence survey works and identify ground conditions. DH noted that there are 2 potential impacts = cost and time. It was noted that there is an alternative proposal with the AE for review and was provided to Air Products. DP suggested that ISandford should be asked to take the proposal to Air Products. DH agreed to liaise with ISandford. (11/09/2014) It was noted that BM are in discussion with Air Products (25/09/2014) DP advised that he had received a drawing back from Air Products but it was not what was expected/wanted. DP noted the drawing was positive in that it showed a twin set-up however what shown required a bigger slab therefore further dialogue with Air Products would take place. AB would be asked to show the target dates on the BMCL programme (02/10/2014) DP advised that he was setting up a meeting with Air Products, I Sandford, I Powrie, NHS and BMCL. GW advised that in the meantime BMCL have instructed WSP to do survey works. (09/10/2014) Further meeting next Tuesday there will require a 1 day down time to transfer over EW may be required but this will be decided after meeting 23/10/2014. Noted that Air Products are to provide information re revised base so WSP can design slab/base. BMCL will need to divert Oxygen main in that area. GW enquired what BMCL should do about the costs incurred as the slab is now a lot bigger than what was agreed. AFe suggested that BMCL should firstly ascertain if a piling solution will be required. DH noted that this is a timing issue re patient safety. (30/10/2014) GW advised that he would raise an EW as these works will fall outwith the completion period. DP advised that he had received the drawing and would issue this to the NHS for review. GW agreed to raise an EW regarding this matter. (19/11/2014) DS noted that the SI had been completed. Once the SI report has been received then the design of the slab will be commenced. (20/11/2014) DP agreed to provide GW with the wording to transfer this item into an EW. (27/11/2014)
- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014. DH advised that he had discussed this and it was thought that a PMI is not necessary (30/10/2014) GW to provide information to DH as DH had suggested that there has been a significant increase to the cost for the 3 small hatches. (13/11/2014) DH advised that he had the information re cost for changes and would discuss these with FW and confirm the NHS requirements asap thereafter (20/11/2014) DH advised that a manual interlock instead of electrical interlock was being suggested in order to reduce the cost. GW advised that AKerr is checking this out (27/11/2014)
- Pharmacy Roller Shutter - changes required? 23/10/2014 DP advised that he is awaiting info from FW re change to be made (30/10/2014) DH noted that there was an omission to the small shutter to the vending in AAU. PM agreed to review on site and confirm way forward to BMCL (13/11/2014) It was noted that it had been previously agreed that the shutter should be left in place. It was agreed that the NHS would review this on site to check that this will not foul with the vending machines.(20/11/14) PM advised that the roller shutter should remain as is (27/11/2014)
- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014) DP advised that the 1<sup>st</sup> panel is due to be on site on 14<sup>th</sup> November 2014. DP would organize for ISandford to confirm that he is ok with the set-up. Confirmation of panel demonstration is awaited (13/11/2014) AF noted that the panel hadn't arrived however DP was progressing the delivery of the panel (20/11/2014) DP advised that the panel was now due to be onsite on 28/11/2014. This would then be fitted urgently and it was proposed that a demonstration to provide a demonstration early w/c 01/12/2014. Corresponding deliveries will take place through December and into January 2015. (27/11/2014)
- Swisslog – DH noted that the NHS needed confirmation of what is included in the Swisslog Maintenance contract and GW agreed to investigate (20/11/2014) DH requested confirmation of what was included in the contract (27/11/2014)





- VIE/Turning circle – it was noted that the NHS Had thought that BMCL were going to speak to WSP re how they had done the swept path analysis – it was established on site that there was an issue with a manhole cover which meant that the lorry delivering to the VIE could not use this area. The man-hole cover has now been replaced and the lorry driver is to come back and check he is now ok to use the full area. (20/11/2014) PM noted that the NHS have had 3 deliveries and on each occasion the lorry needed to be reversed into situ. Keen to understand the design intent and swept path analysis. GW advised that DS and WSP should be able to provide this info to PM. It is understood that there may be a simple resolution to the issue and this was confirmed. PM advised that the lorry was coming back on Monday to redo the traffic movement. (27/11/2014)
- Walls at front entrance – PM advised that he should be able to confirm the way forward on 28/11/2014 – PM advised that he would still like to see a drawing asap. PM acknowledged that Gillespies are awaiting information to conclude the drawing. GW agreed to liaise with GB. (27/11/2014)
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014)
- Final sweep-up: Quality of corner welds – remediation works will be undertaken. Pull cords – a 'hybrid' location has been agreed to the 3 outstanding rooms. AF noted that JW is now pre-checking areas before JR goes in to do checks. Glazed screens – DH advised that on each floor as you exit cores A&B there is 2 glazed screens which are fitted the wrong round. Police room windows – PM advised that the blind mechanism to the police rooms still needs to be concluded (27/11/2014)
- Xmas plans – AFe advised that BMCL will be working up to the 24<sup>th</sup> December and that the site would most likely shut early on the 24<sup>th</sup> (perhaps lunchtime). The 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> will be business as usual and the site would likely shut early on the 31<sup>st</sup> December. On the 2<sup>nd</sup> of January there would be 2 BMCL reps on duty to check the site only. It is expected that the site will reopen fully on the 5<sup>th</sup> January 2015. AF agreed to provide an Emergency Contact Sheet however noted that the first point of contact would be AF, DP and GW. (27/11/2014)
- Transom covers – PM noted that the cover plate to the transom fixings at MRI/Imaging is unsightly. GW agreed to liaise with TDSL regarding this. (27/11/2014)
- MR Rooms – AF advised that he would like to look at the works re taking down the wall/taking the internal skin of the break out panel as is on the fire line. Risk is damage to the copper. DH noted that a discussion re how to put the wall back to create fire separation – suggestion is having a shaft wall at the break out panel location. (27/11/2014)


**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 10/12/2014:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23504	BMCE-EWN-000149	AGV Lift Segregation	21/011/2014  27/11/2014  04/12/2014	<p>Following the recent Swisslog AGV TCMS2 software simulation, we have been advised by Swisslog the current Clean &amp; Dirty lift segregation is detrimentally affecting their delivery systems and matrix times. Therefore, currently as the project stands, the AGV system is non-compliant with NHS ER's.</p> <p>Swisslog propose remove AGV Clean &amp; Dirty lift segregation to allowing all AGV's to use any AGV lift. NHS Infection Control Procedures for AGV Lifts Core C, D, F, H &amp; K to be reviewed.</p> <p>GW advised that the way forward had been agreed between KConnelly and CGrindlay. DH advised that essentially are not separating the clean and dirty or the vertical – PMI to be provided to BMCL to confirm acceptance of change from ERs.</p> <p>DH to provide form of words to close this item out</p>	
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p>	
		Link Bridge at Neuro and impact on INS Entrance	04/12/2014	<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p> <p>AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme.</p>	

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
22802	NHS EW 053	Curtain Tracks	26/09/2014  09/10/2014 24/10/2014  30/10/2014  13/11/2014 20/11/2014 27/11/2014  04/12/2014	<p>The Board have identified with their curtain supplier that the track arrangement, as installed, in critical care and resus areas where bays are divided by half height walls is not practical and results in lack of privacy for patients.</p> <p>Additionally the Board notes that tracks generally have been installed at varying heights which represents operational difficulties. In accordance with the standard fixing details (NA-XX-XX-SC-400-001) these should be installed at a consistent height of 2100mm.</p> <p>PM advised that he would discuss this internally and report back.</p> <p>A site visit with IHamilton is arranged with DH for the coming week with regards to the gap noted between two curtains when pulled fully closed - sub-contractor will be asked to review and amend the track if required.</p> <p>DH advised that he had undertaken a site visit with IHamilton and a solution to conclude the matter in A&amp;E and CC resus bays had been identified. DH would provide information to BMCL re variance in curtain track heights at half wall.</p> <p>DH and AFe had previously discussed this item and it had been agreed that IHamilton is going to arrange a sample for NHS review.</p> <p>AF noted that the sample is awaited and the NHS will be advised asap when the sample is available – will be a shortened sample.</p> <p>DH advised that he had seen a sample and was content with the sample however would want a certain piece cut out (middle leg to support). FMcCluskey had also been asked to review the sample. DH would provide an instruction later that day.</p> <p>DH advised that FW had authorized the works to IHamilton. It was agreed this item could be closed.</p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 10/12/2014

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
2721	PMI 297	NEUROSURGICAL BUILDING OVERCLAD PROJECT	04/07/2014         10/07/2014	<p>RIBA Stage 2 Feasibility Study to overclad the Neurosurgical Building at Southern General Hospital.</p> <p>Proceed with Feasibility Study and complete by 1st August 2014 all as per narrative.</p> <p>PM advised that he was awaiting cost for the feasibility study.</p>	

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			<p>24/07/2014 PM agreed to look out the Neuro building drawings. WSP to advise what surveys are required.</p> <p>31/07/2014 DP raised concern that he did not think that the natural ventilation scheme in the building matched like for like re new windows. PM suggested that someone needs to check that the overclad solution has the same number of windows. DH noted that if rainscreen type being installed then this would make the building more airtight.</p> <p>14/08/2014 GW noted that costing was work in progress. PM advised that he had agreed the extent of the cladding with the architect. AFe agreed to progress this item.</p> <p>21/08/2014 AFe noted this is WIP. AFe and GW were meeting with DL on Friday to discuss the high level cost plans. GW noted that D&amp;B would be providing cost information on 22/08/2014. GW noted that BMCL will look at the costs. AFe suggests a longer programme of works i.e 35 weeks rather than 26 weeks.</p> <p>28/08/2014 It was noted that the price and the programme were to be provided to the NHS on 29/08/2014</p> <p>11/09/2014 DL advised that he was becoming concerned about information being received by the NHS. GW advised that BMCL have provided the information and that the costs for the prelims and joint. The cost information was with DR for review. The anticipated programme for the works was 37 weeks however there was a lot of liaison to take place to agree the start date as BMCL have concern about the NHS decant/phasing.</p> <p>25/09/2014 Concern was raised that there are suggestions that the over-cladding may make the building overheat i.e. better insulated – u value will increase. AFe advised that BMCL have looked at top and bottom hung windows. DH suggested that the perimeter rooms will be impacted i.e. less leakage. DL enquired if this can be computer modeled. DH suggested that the building doesn't work at the moment as windows will have had window restrictors retrofitted at some point. AFe noted that the concern was that the overcladding may make a warm building even warmer. DL suggested that GForsyth should contact the University for information on the summer system recently installed to the Library. PM suggested that a mock-up of a room/window should be carried out. AFe suggested that it will be the new year before suppliers are on board.</p> <p>02/10/2014 DR advised that he needed to go through and agree what everyone is signing up to. GW enquired who would be carrying out the thermal analysis noting that JBushfield had been asked to identify the works and provide an indication of the cost however DP has suggested that the cost appears to be too cheap so may not have everything in the scope of works. It was noted that D&amp;B Façade have provided comments. DS noted that he understood that cladding was to improve the aesthetics and BMCL could look at providing a good quality rain screen façade. PM noted that the previous Nimmo design had a cavity which allowed air to pass through/up &amp; down. DR enquired if there is potential to put in more opening lights into the glazed screens. PM suggested that discussion re: main entrance and overclad design review could be carried out in the same meeting.</p> <p>PM advised that file had been received from PMcGuinness. The NHS are still awaiting feedback from BMCL re the options for panels. PM would discuss with DL later that day. The focus will be on carrying out the front entrance works. AF acknowledged that the proposal has thermal issues and BMCL should have highlighted all the risks. BMCL were in the process of identifying a panel carrier system which can be retrofitted. AFe advised that the programme to achieve a finished clad building in time for the royal opening is difficult noting that the timescale for the works is indicated as circa 36 weeks. PM noted that the NHS would be unable to signoff the proposals until the Planning permission is granted.</p>	
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			09/10/2014	AFe advised that BMCL had met with CladUK who had subsequently provided an indicative price based on a standard panel. CladUK advised that the standard panel they use does not provide thermal gain as it is a vented system (top and bottom) however a formal response is awaited. BMCL anticipate obtaining a firmed up price for the works after the school holiday period. Once BMCL ensure that the price is in the NHS cost range then will apply for planning permission. DR requested that BMCL provide a programme for the cladding works in order that the NHS can identify and plan for when areas/offices, etc need to be vacated. AFe proposed that BMCL would mark-up a drawing to show the corridor works and ward/clinical area works noting that the corridor works will be quicker to do. It was noted that BMCL are seeking a fixed price for the works from CladUK. AFe noted that the cladding and window works sit separately. DR noted that it would be helpful if BMCL could reduce the price as the current price was close to the NHS budget for the works and this would assist to achieve approval of the INS Entrance works funding.
			23/10/2014	A sample board of the cladding to be provided to show options. AFe noted that the cost was not hugely different. A review of the risks required for window replacement activities. The area of elevation for the ICE building abutment now removed from the costs and repricing is completed. It was agreed that BMCE and NHS to meet next week to review. The next stage once agreed is to engage planning and project a start on site date - anticipated to be around March 2015. Design and warrants plus SER take around 12-14 weeks but BMCE will push to shorten this time. Cashflow - progress design up to Christmas and place order for all materials in order to maximize spend within current financial year.
			30/10/2014	GW noted that a further conversation with Clad UK had taken place and proposal repriced on the basis of these discussions. BMCL would be discussing with D&B Facades in due course. GW enquired about the drop dead date for NHS approval and DR confirmed that BMCL were to progress Planning as Planning is the driver for approval as is being dealt with through the Board's Capital Plan.
			13/11/2014	DS advised that he had made a couple of enquiries which had identified that a) the building could be overclad without insulating, b) building too hot as is so insulating c) Building Standards Division advised that should insulate, d) Building Control indicated that they could only decide on basis of application. DS was due to meet with RBarlow on 19/11 and he would raise the subject with RBarlow at this meeting. DS noted that if there is no requirement to insulate then the way forward was known. If the building did need to be insulated then the NHS would need to deal with the cooling of the building. DS suggested that it would be beneficial if a survey of the building environmental was undertaken. AFe advised that he was getting the drawings updated for review by the NHS. DL noted that it was disappointing that only now being advised of the Building Regulations and that the cost of the overclad project was getting close to being above the NHS financial envelope. If the NHS require to do anything re infrastructure to the building then the project may not go ahead. DL enquired if there was any opportunity to get the project through as the windows will improve the heat loss. PM advised that Glasgow University had just overclad a building without needing to insulate it. AFe advised that it was D&B Facades who had only recently suggested that insulation may be required. DL noted that it was only to be an aesthetic treatment to the building. DH suggested that the NHS have to achieve the cashflow. AFe noted that the cost provided to the NHS is for an insulated building. DR agreed to contact Glasgow University for information about their recent overclad project. PM agreed to contact DNimmo to advise that BMCL will be contacting him. DR advised that JMurray had previously been provided with a copy of the

			20/11/2014	feasibility study. DL advised that Robert Kilpatrick was the engineer and may be a good point of contact. DR noted that DNimmo may be the best person to speak to.	
			27/11/2014	PM advised that he had emailed RKilpatrick the previous week. DS noted that Building Control have advised that the panels do not need to be insulated. DL noted that the way forward re the cavity barrier would need to be agreed. It was noted that BMCL need to provide the programme as the NHS have cashflow to achieve. DS noted that there had been a previous discussion regarding the vesting of materials. AF agreed to provide the programme asap. DL enquired whether a staged warrant was required and DS advised that the overclad is a single application and the entrance works is in 6 stages. AF noted that BMCL were checking for any savings which could be obtained as insulated panel now required.	
			04/12/2014	AFe advised that revised prices had been received from CladUK and that D&B Facades would provide prices (excluding the insulation) later that day. BMCL were proposing to instruct the contract based on the previous proposals. PM advised that the NHS required drawings and a confirmed price based on insulated panels so can sign-off the proposals whilst awaiting formal confirmation from BMCL that they will accept the use of non-insulated panels. GW advised that PHeath is awaiting a price from D&B Facades for the non-insulated panel. It was noted that there had been an agreement to overpaint some of the panels at the rear of the building. PM advised that he would want to be able to close this item out by cop 28/11/2014. <b>PM advised that CE 067 had been issued to allow BMCL to proceed with the design. Agreed this item could be closed</b>	
3040	PMI 309	Langlands Drive Bus Lay- by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.	
			23/10/2014	Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.	
			30/10/2014	IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.	
			13/11/2014	All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works. PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded. DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out. DP advised that SGN were due on site later that day to inspect the pipe and advise on any work	

			20/11/2014	required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			27/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			04/12/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation. <b>AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</b>	
3061	PMI 310	ADAPTATIONS TO BUILDING SERVICES FOR IMAGING EQUIPMENT INSTALL	27/10/2014	Please proceed with the attached amendments to services/equipment as per the attached schedule. Costs for same to be incorporated in the Group1 equipment list.  The Board request that alterations to 13no. General X-Ray rooms, as listed on the attached schedule, are undertaken to facilitate the installation of Samsung Digital X-Ray equipment by MIS Ltd. The alterations are limited to:  <ul style="list-style-type: none"> <li>- removal of temporary/permanent containment at desk locations</li> <li>- relocation of sprinkler heads</li> <li>- removal of RAC1020 pigeon hole units</li> <li>- relocation of wireless access points</li> <li>- removal of emergency stop buttons in 3 locations</li> <li>- Relocation of nurse call/reset panel in 2 locations</li> <li>- Relocation of lead apron rack.</li> </ul>	
			13/11/2014	Works to include, where necessary, making good of lead lining and finishes. DH noted that the works are ongoing. DH was being advised that the works are not being carried out quick enough. DP noted that resources are being diverted to carry out the adaptations when it was possible to do so as BMCL were ensuring no impact to other works.	
			20/11/2014	DH noted that the majority of works have been carried out. GW advised that he would provide tge cost info asap.	
			27/11/2014	DH noted that the alterations are work in progress. Costs are needed asap. GW reported that Mercury have advised that they will provide the costs later that day.	
			04/12/2014	<b>DH advised that the costs had been agreed for incorporation in the Group1 equipment list. Agreed item could be closed.</b>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the</li> </ol>	



			<p>room to the vacant arm on the surgeon's panel/pendant side of the table.</p> <p>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</p> <p>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</p> <p>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</p> <p>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228for connection of 'stacks' to the pendant.</p> <p>13/11/2014 DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p> <p>20/11/2014 AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015.DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</p> <p>27/11/2014 DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26<sup>th</sup> January 2015 however the light needs to be moved asap.</p> <p>04/12/2014 DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.</p>	
3104	PMI 312 -	ADULT & CHILDREN'S HOSPITAL - COLD WATER STORAGE TANKS	<p>17/11/2014 Please replace the installed hollow lid supports with solid supports.</p> <p>In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on 19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks.</p> <p>20/11/2014 GW advised that he would confirm the costs to the NHS asap. Thereafter CE to be issued by the NHS.</p> <p>27/11/2014 GW advised that he had received costs. Identifying what works need to be done. In discussion with Mercury with some queries.</p> <p>04/12/2014 DH advised that the costs had been agreed. DP advised that the instruction had been issued to Mercury.</p>	
3105	PMI 313 -	MRI Room Services	<p>17/11/2014 The following items require to be addressed to allow co-ordination with the Siemens installations within the 4no. MRI suites, in the following order to follow the installation programme.</p> <p>RCG -064 (MRI Scanner): Waste pipework from drip tray beneath SWVP to be re-routed away from vent ductwork and connected to drainage</p> <p>RCG-065 (Technical Room): Existing PAN013 to be replaced with isolator to allow installation of supplier switchgear</p>	

			<p>20/11/2014</p> <p>27/11/2014</p> <p>04/12/2014</p>	<p>RAG - 123 (Technical Room): Electrical switchgear currently located on wall backing on to RAG-112 to be relocated on to wall backing on to MIL-007/MIL-004 set out min 2.5m from original wall, all to allow installation of penetration panel and equipment cabinets</p> <p>RAG-109 (MRI Room): Quench pipe entering from RAG-110 to be raised to above Faraday Cage level(exact requirement to be confirmed) and existing support to be modified to eliminate likelihood of damage/corrosion due to contact between different metals</p> <p>RAG-110 (Technical Room): Review cooling requirements, and if acceptable, remove 1no. Airedale downflow unit backing on to RAG-111. Relocate switchgear from current position to location vacated by downflow unit including replacing PAN 013 with isolator switch</p> <p>RCF - 042: Remove existing PAN-013 and locate new isolator to RHS of door leaving space for supplier switchgear</p> <p>AFe advised this PMI needed to be discussed. DH noted that the revised works to RCG 064 needs to be complete by Monday 24<sup>th</sup> November 2014 as the Group 5 supplier commences their works on 24/11/2014.</p> <p>GW advised that he had received costs the previous night. DH requested the costs from GW asap.</p> <p>DH advised that this had been agreed. An overarching PMI would be provided to BMCL asap. These items were all contained within the equipment list. DH thanked BMCL for their efforts to resolve.</p>	
3106	PMI 314 -	Fluoroscopy Equipment Co-ordination	<p>17/11/2014</p> <p>04/12/2014</p>	<p>The Board request that the wall mounted IPS control panel in the Endoscopy room (RAF-009) is relocated to allow positioning of the equipment generators.</p> <p>It is proposed that, subject to size/depth of the panel, it is relocated onto the control desk trunking/power pole being installed by Phillips as part of the Group 5 installation.</p> <p>DH noted that this item had all been agreed</p>	
3112	PMI 315	ADULT & CHILDREN'S HOSPITALS - PROTECTIVE CURTAINS FOR LIFTS	<p>19/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p>	<p>Please order and install hanging studs and protective fabric drapes as detailed in the attached drawing and specification.</p> <p>Please proceed and have stud fixings for hanging protective drapes in lift cars installed in 8 No. lifts cars as detailed on the attached drawing.</p> <p>Please provide 6 sets of protective lift drapes as detailed on the attached schedule, sized for the specific lifts noted. Note some lifts will share 1 set of drapes.</p> <p>Provide storage bags as noted in Schindler quotation (also attached).</p> <p>Please confirm total cost incl of OHP and confirm these items will be added to the Group 1 equipment list.</p> <p>GW noted that JBaillie will deal with the costs later that day. DH suggested that there was already a fixed costs provided for the works.</p> <p>GW advised that BMCL were obtaining firm costs. AF noted that the instruction had been issued to</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014  25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	
13780	CE 067	Neurosurgical Block - Overclad Works Planning Application	03/12/2014  04/12/2014	You are instructed to prepare and submit as soon as possible, a full application for planning consent for the above project. Please undertake any associated surveys. AFe advised that he has instructed the survey works – potentially 8/9 <sup>th</sup> December. BMCL understood that the vesting of material is not possible. It was agreed this item could be closed.	BMCL to input costs on Sypro
13835	CE 068	ADULT & CHILDREN'S HOSPITALS - COLD WATER STORAGE TANK LID SUPPORTS	10/12/2014	In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on 19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks. Agreed price including OH&P is £31,896.00 ex VAT.	BMCL to input costs on Sypro

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) **DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014 Meeting organized on 31/10/2014 to discuss (30/10/2014) PM advised that the CMB was under consideration and requested that AFe confirm the number of BMCL which require to be accommodated. AFe confirmed that the preference was for BMCL to be on the ground floor. AFe suggested that the office block could remain on site until May –

cabins to be removed June. PM suggested that the NHS floor would be closed in February (13/10/2014) PM advised that he had passed a draft paper to DL and PM would provide a copy of the paper to AF asap. The proposed area that the NHS are moving into will need to be deep cleaned and decorated and IT installed. PM would liaise with DL to ascertain when the paper would be discussed with RC. (27/11/2014) **PM advised that he is awaiting feedback from DL/RC conversation (04/12/2014).**

- Hatches in Radiology - AFe noted that a PMI will be required - AFe agreed to write up and forward to the NHS 23/10/2014. DH advised that he had discussed this and it was thought that a PMI is not necessary (30/10/2014) GW to provide information to DH as DH had suggested that there has been a significant increase to the cost for the 3 small hatches. (13/11/2014) DH advised that he had the information re cost for changes and would discuss these with FW and confirm the NHS requirements asap thereafter (20/11/2014) DH advised that a manual interlock instead of electrical interlock was being suggested in order to reduce the cost. GW advised that AKerr is checking this out (27/11/2014) **DH advised he was awaiting cost info from AKerr (04/12/2014)**
- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014) DP advised that the 1<sup>st</sup> panel is due to be on site on 14<sup>th</sup> November 2014. DP would organize for ISandford to confirm that he is ok with the set-up. Confirmation of panel demonstration is awaited (13/11/2014) AF noted that the panel hadn't arrived however DP was progressing the delivery of the panel (20/11/2014) DP advised that the panel was now due to be onsite on 28/11/2014. This would then be fitted urgently and it was proposed that a demonstration to provide a demonstration early w/c 01/12/2014. Corresponding deliveries will take place through December and into January 2015. (27/11/2014) **DP advised that ISandford went to MMPL (supplier of the alarms) and witnessed the test and is comfortable with what he witnessed. It was understood that the inducer was due to arrive on site later that day. (04/12/2014)**
- Swisslog – DH noted that the NHS needed confirmation of what is included in the Swisslog Maintenance contract and GW agreed to investigate (20/11/2014) **DH requested confirmation of what was included in the contract (27/11/2014)**
- VIE/Turning circle – it was noted that the NHS Had thought that BMCL were going to speak to WSP re how they had done the swept path analysis – it was established on site that there was an issue with a manhole cover which meant that the lorry delivering to the VIE could not use this area. The man-hole cover has now been replaced and the lorry driver is to come back and check he is now ok to use the full area. (20/11/2014) PM noted that the NHS have had 3 deliveries and on each occasion the lorry needed to be reversed into situ. Keen to understand the design intent and swept path analysis. GW advised that DS and WSP should be able to provide this info to PM. It is understood that there may be a simple resolution to the issue and this was confirmed. PM advised that the lorry was coming back on Monday to redo the traffic movement. (27/11/2014) **PM advised that there had been a meeting with the Lead Driver onsite on Monday and the turning circle didn't work. WSP carrying out redesign to resolve the issue. (04/12/2014)**
- Walls at front entrance – PM advised that he should be able to confirm the way forward on 28/11/2014 – PM advised that he would still like to see a drawing asap. PM acknowledged that Gillespies are awaiting information to conclude the drawing. GW agreed to liaise with GB. (27/11/2014) **PM advised that he had met with GB and AKerr and he now only needed to see the drawings. PM would provide a PMI to confirm the way forward asap. Item can then be closed. (04/12/2014)**
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) **AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014)**
- Final sweep-up: Quality of corner welds – remediation works will be undertaken. Pull cords – a 'hybrid' location has been agreed to the 3 outstanding rooms. AF noted that JW is now pre-checking areas before JR goes in to do checks. Glazed screens – DH advised that on each floor as you exit cores A&B there is 2 glazed screens which are fitted the wrong round. Police room windows – PM advised that the blind mechanism to the police rooms still needs to be concluded (27/11/2014) **AF advised that the Peterborough Project had suggested that there was some fire stopping and fire dampers which may not have been left as they should have been. AF had brought in a team to review all the fire stopping. (04/12/2014)**
- Xmas plans – AFe advised that BMCL will be working up to the 24<sup>th</sup> December and that the site would most likely shut early on the 24<sup>th</sup> (perhaps lunchtime). The 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> will be business as usual and the site would likely shut early on the 31<sup>st</sup> December. On the 2<sup>nd</sup> of January there would be 2 BMCL reps on duty to check the site only.

It is expected that the site will reopen fully on the 5<sup>th</sup> January 2015. AF agreed to provide an Emergency Contact Sheet however noted that the first point of contact would be AF, DP and GW. (27/11/2014) DP advised that this should already have been issued by PBeauchamp. DH advised that he had received the information and had passed onto the Group 5 contractors. (04/12/2014)

- Transom covers – PM noted that the cover plate to the transom fixings at MRI/Imaging is unsightly. GW agreed to liaise with TDSL regarding this. (27/11/2014) It was agreed this item could be closed DH noted that the door at Nuclear Medicine (A&C Shared room) should have had a removable panel – this item had been previously raised a while back.
- MR Rooms – AF advised that he would like to look at the works re taking down the wall/taking the internal skin of the break out panel as is on the fire line. Risk is damage to the copper. DH noted that a discussion re how to put the wall back to create fire separation – suggestion is having a shaft wall at the break out panel location. (27/11/2014) DH advised that the cages had been put up however these would need to be carefully taken down in January 2015.
- Crane lift for chillers – AF noted that the preference is for a Sunday crane lift as there is still a lot of deliveries to the site. DH will confirm back to the company that the lift needs to take place on the 14<sup>th</sup> December 2014. AF requested that DH confirms what support will be required from BMCL that day. DR advised that the Method Statement would need to be checked – it is important to ensure that insurances are in place. AF advised that the contact to assist the NHS with the crane move is Steven Docherty. (04/12/2014)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 07/01/2015:

						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
23504	BMCE-EWN-000149	AGV Lift Segregation	21/01/2014          27/11/2014          04/12/2014 11/12/2014	<p>Following the recent Swisslog AGV TCMS2 software simulation, we have been advised by Swisslog the current Clean &amp; Dirty lift segregation is detrimentally affecting their delivery systems and matrix times. Therefore, currently as the project stands, the AGV system is non-compliant with NHS ER's.</p> <p>Swisslog propose remove AGV Clean &amp; Dirty lift segregation to allowing all AGV's to use any AGV lift. NHS Infection Control Procedures for AGV Lifts Core C, D, F, H &amp; K to be reviewed.</p> <p>GW advised that the way forward had been agreed between KConnelly and CGrindlay. DH advised that essentially are not separating the clean and dirty or the vertical – PMI to be provided to BMCL to confirm acceptance of change from ERs.</p> <p>DH to provide form of words to close this item out  <b>DH advised that he had drafted working and would issue a PMI later that day</b></p>			
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014          04/12/2014	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p><b>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</b></p>			
		Link Bridge at Neuro and impact on INS Entrance	04/12/2014          11/12/2014	<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p> <p>AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme.</p> <p><b>DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut.</b></p>			



SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
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**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 10/12/2014

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later	

			04/12/2014  11/12/2014	that day to discuss public/pedestrian separation. AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri). DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014          13/11/2014  20/11/2014  27/11/2014  04/12/2014  11/12/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant. DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015. AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday. DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap. DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS. DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.	
3104	PMI 312 -	ADULT & CHILDREN'S HOSPITAL - COLD WATER STORAGE TANKS	17/11/2014	Please replace the installed hollow lid supports with solid supports.  In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on	

			<p>20/11/2014</p> <p>27/11/2014</p> <p>04/12/2014</p> <p>11/12/2014</p>	<p>19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks.</p> <p>GW advised that he would confirm the costs to the NHS asap. Thereafter CE to be issued by the NHS.</p> <p>GW advised that he had received costs. Identifying what works need to be done. In discussion with Mercury with some queries.</p> <p>DH advised that the costs had been agreed. DP advised that the instruction had been issued to Mercury.</p> <p>CE issued therefore item closed</p>	
3105	PMI 313 -	MRI Room Services	<p>17/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p> <p>04/12/2014</p> <p>11/12/2014</p>	<p>The following items require to be addressed to allow co-ordination with the Siemens installations within the 4no. MRI suites, in the following order to follow the installation programme.</p> <p>RCG -064 (MRI Scanner): Waste pipework from drip tray beneath SWVP to be re-routed away from vent ductwork and connected to drainage</p> <p>RCG-065 (Technical Room): Existing PAN013 to be replaced with isolator to allow installation of supplier switchgear</p> <p>RAG - 123 (Technical Room): Electrical switchgear currently located on wall backing on to RAG-112 to be relocated on to wall backing on to MIL-007/MIL-004 set out min 2.5m from original wall, all to allow installation of penetration panel and equipment cabinets</p> <p>RAG-109 (MRI Room): Quench pipe entering from RAG-110 to be raised to above Faraday Cage level(exact requirement to be confirmed) and existing support to be modified to eliminate likelihood of damage/corrosion due to contact between different metals</p> <p>RAG-110 (Technical Room): Review cooling requirements, and if acceptable, remove 1no. Airedale downflow unit backing on to RAG-111. Relocate switchgear from current position to location vacated by downflow unit including replacing PAN 013 with isolator switch</p> <p>RCF - 042: Remove existing PAN-013 and locate new isolator to RHS of door leaving space for supplier switchgear</p> <p>AFe advised this PMI needed to be discussed. DH noted that the revised works to RCG 064 needs to be complete by Monday 24<sup>th</sup> November 2014 as the Group 5 supplier commences their works on 24/11/2014.</p> <p>GW advised that he had received costs the previous night. DH requested the costs from GW asap.</p> <p>DH advised that this had been agreed. An overarching PMI would be provided to BMCL asap. These items were all contained within the equipment list. DH thanked BMCL for their efforts to resolve.</p> <p>DH advised this is WIP</p>	

3106	PMI 314 -	Fluoroscopy Equipment Co-ordination	17/11/2014  04/12/2014 11/12/2014	The Board request that the wall mounted IPS control panel in the Endoscopy room (RAF-009) is relocated to allow positioning of the equipment generators. It is proposed that, subject to size/depth of the panel, it is relocated onto the control desk trunking/power pole being installed by Phillips as part of the Group 5 installation. DH noted that this item had all been agreed <b>DH noted that this is an equipment list item therefore could be closed.</b>	
3112	PMI 315	ADULT & CHILDREN'S HOSPITALS - PROTECTIVE CURTAINS FOR LIFTS	19/11/2014    20/11/2014 27/11/2014 04/12/2014 11/12/2014	Please order and install hanging studs and protective fabric drapes as detailed in the attached drawing and specification.  Please proceed and have stud fixings for hanging protective drapes in lift cars installed in 8 No. lifts cars as detailed on the attached drawing.  Please provide 6 sets of protective lift drapes as detailed on the attached schedule, sized for the specific lifts noted. Note some lifts will share 1 set of drapes.  Provide storage bags as noted in Schindler quotation (also attached).  Please confirm total cost incl of OHP and confirm these items will be added to the Group 1 equipment list. GW noted that JBaillie will deal with the costs later that day. DH suggested that there was already a fixed costs provided for the works. GW advised that BMCL were obtaining firm costs. AF noted that the instruction had been issued to Schindler. Costs to be confirmed by BMCL <b>DH noted that this is an equipment list item therefore could be closed.</b>	
3138	PMI 316	Proposed alteration to AAW-170 Auto Dispense Room	01/12/2014    04/12/2014 11/12/2014	The Board requests a quotation to alter room no. AAW-170 Auto Dispense in accordance with the attached mark-up omitting the following: a) COU8037 - reception counter (part installed) b) CAL001 - fit with blank plate to existing back box b) CAL036 d) STF290L Board supplied items: a) COMP1000 b) CHA004 will not be provided The following services: a) DATA1000 are to be installed in the surface trunking as per attached sketch. It is proposed that these works are to be undertaken post completion and are to be completed by Thursday 12th March 2015. AF enquired where the NHS would want to store any units that are to be taken out. PM agreed to confirm the location. <b>DH advised that there is an allowance for Mercury however as there is another contractor involved in may be a case that can only allocate to 1 supplier. PM agreed to discuss with KC.</b>	

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3203	PMI 317	A&C HOSPITALS - AGV LIFT SEPARATION	11/12/2014	<p>Revised requirements for AGV's re lift segregation.</p> <p>The Board acknowledge that within the design the horizontal delivery (clean) and collection (dirty) routes for goods are shared, with infection control issues in relation to segregation addressed by the use of sealed containers/bags.</p> <p>For this reason, and to enhance resilience it is agreed that vertical travel (lifts) will be similarly shared and that all FM lifts in cores C, D, F, H, &amp; K will be categorised as goods and housekeeping lifts.</p>																							
3204	PMI 318	A&C Hospitals - Anti-static Vinyl Flooring	11/12/2014	<p>In 13 No general X-Ray Rooms.</p> <p>The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.</p> <p>The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed.</p>																							
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	18/12/2014	<p>Following a review of the room layouts the Board request the amendments as detailed in the attached document.</p> <table><tr><td>Status B Drwgs</td><td></td></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>011 / 02</td><td>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</td></tr><tr><td>012 / 02</td><td>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>017 / 02</td><td>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</td></tr><tr><td>001 / 02</td><td>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</td></tr><tr><td></td><td></td></tr><tr><td>Status C Drawings</td><td></td></tr><tr><td>021 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</td></tr><tr><td>022 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</td></tr><tr><td>020 / 02</td><td>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms.</td></tr></table>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014	011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)	012 / 02	Add dispenser for disposable urinals All as per email of 6 <sup>th</sup> November 2014	017 / 02	Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.	001 / 02	Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21 <sup>st</sup> November 2014			Status C Drawings		021 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.	022 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space	020 / 02	Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms.	
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				Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.	
3239	PMI 320	PHASE 3A - ADDITIONAL DEMOLITION WORKS & TEMPORARY CAR PARK	24/12/2014	The Board confirm the additional works to be undertaken during Stage 3A as follows:- <ul style="list-style-type: none"> <li>Demolition of buildings within existing accident &amp; emergency / outpatients / therapy complex comprising buildings AG, AK, AI, DH</li> <li>Construction of surface car parking (approximately 330 nr spaces) within the available site following demolitions</li> </ul>	
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres.	
3252	PMI 322 -	LTHW system	07/01/2015	The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-up of inhibitor in July 2015.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
	CE062	RESURFACING AND STREET LIGHTING WORKS (cross ref PMI 305)	12/09/2014 25/09/2014	Please proceed with road resurfacing and street lighting works to a section of Hardgate Road and a section of roadway outside the Management Office at SGH all as set out in PMI 289. Agreed item to be closed PM noted that NHS were having a pre-meet before meeting GCC and a copy of the drawing with the 6 street lights taken off which are deemed to be GCC responsibility. BMCL to provide drawing asap. DS agreed to discuss with DCampbell	
13780	CE 067	Neurosurgical Block - Overclad Works Planning Application	03/12/2014 04/12/2014	You are instructed to prepare and submit as soon as possible, a full application for planning consent for the above project. Please undertake any associated surveys. AFe advised that he has instructed the survey works – potentially 8/9 <sup>th</sup> December. BMCL understood that the vesting of material is not possible. It was agreed this item could be closed.	BMCL to input costs on Sypro
13835	CE 068	ADULT & CHILDREN'S HOSPITALS - COLD	10/12/2014	In cold water storage tanks, you are instructed to replace the hollow lid supports currently installed with solid supports to comply with recommendations DoH/HFS Alert Ref:EFA/2013/004 issued on	BMCL to input costs on Sypro

		WATER STORAGE TANK LID SUPPORTS	19th November 2013 and by doing so, greatly reduce the likelihood of the growth of Pseudomonas within the tanks. Agreed price including OH&P is £31,896.00 ex VAT.	
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#### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014) **DH noted that there is an open point in the ring and JB advised that he needed to discuss this with RJohnson. JB had been requested to liaise with RJohnson asap and DH would chase JB up later that morning to check for a final response. (11/12/2014)**
- Review of offices removal – AFe advised that he needs a note of the dates and accommodation requirements for each party who remain to be on-site. AFe suggested that the cabins are moved after the 26<sup>th</sup> January 2015. PM noted that the children's park needs to be substantially complete for the official opening of hospitals at tail end of 2015. AFe noted that he has a stage 3a programme. AFe highlighted some options which was being considered and agreed to provide some scenarios/options to the NHS. AFe noted that he agreed to work backwards from the date of the Royal visit. PM suggested that AFe organize a meeting to discuss options. AFe suggested that it would be useful to get a plan for the Management Building. (03/07/2014) PM advised that phase 3a draft programme had been provided. PM suspected that the NHS will be expected to be out of the offices by end January 2015. The NHS will further develop a plan for post 26<sup>th</sup> January 2015. (10/07/2014) Discussion scheduled to take place on 25/07/2014 (24/07/2014) PM noted that he would discuss the Management Offices with GL. AFe advised that he had discussed the car parking with DL. The NHS will be issued with the same no. of permits as are provided in the existing car park. Non-permit holders will be able to park in the non-permit holders area within the MSCP. It is proposed to commence using the MSCP in September and stop using the MSCP in March/April 2015. AFe advised that BMCL are proposing keeping some cabins on site until May and BMCL are identifying storage areas in the building. (31/07/2014) PM noted this item is WIP (14/08/2014) PM advised that he will prepare a plan on return from his annual leave (21/08/2014) PM advised that he would progress this matter over the next few weeks. AFe suggested that BMCL would be looking for circa 100 places. PM noted that would discuss the programme of moves of site with AFe. AFe advised that he was of the view to move out of the offices Feb/March however they could perhaps be retained until April/May. (11/09/2014) PM advised he will be progressing next week. Confirmed that can't return management building as a base for site staff. It was noted that it appears when demolishing the corridor at the CMB building that impacts on Management Building Services. Will identify area for BMCL to put cabins. DR noted that BMCL did not have cabins in cost plan post January 2015. PM suggested that this is an EW for the Project. GW advised that there needed to be a discussion re what the BMCL care management team are expected to do as it is BMCL's expectation that the NHS do not have the staff to operate the building immediately after handover for a period of time. (25/09/2014) PM advised that he had received feedback which indicated that there would be a cost of circa £150k to reinstate services to the Management Building as



services linked to buildings that are being demolished. PM enquired if there was potential for these costs to be offset against the cost of BMCL moving the cabins. GW suggested that he anticipated that BMCL would be able to contribute. PM agreed to progress proposals asap. (02/10/2014) AFe advised it would be good to have a quick meeting after the school holidays to discuss thoughts. PM agreed to progress proposals (09/10/2014) Date to be slotted into the diary for next week to discuss 23/10/2014 Meeting organized on 31/10/2014 to discuss (30/10/2014) PM advised that the CMB was under consideration and requested that AFe confirm the number of BMCL which require to be accommodated. AFe confirmed that the preference was for BMCL to be on the ground floor. Afe suggested that the office block could remain on site until May – cabins to be removed June. PM suggested that the NHS floor would be closed in February (13/10/2014) PM advised that he had passed a draft paper to DLoudon. PM would provide a copy of the paper to AF asap. The proposed area that the NHS are moving into will need to be deep cleaned and decorated and IT installed. PM would liaise with DL to ascertain when the paper would be discussed with RC. (27/11/2014) **PM advised that he is awaiting feedback from DL/RC conversation (04/12/2014).**

- Medical gas panel – DH advised there was an issue re HPI and compliance. DP noted that BMCL were trying to get the panels in smaller batches onto site earlier (30/10/2014) DP advised that the 1<sup>st</sup> panel is due to be on site on 14<sup>th</sup> November 2014. DP would organize for ISandford to confirm that he is ok with the set-up. Confirmation of panel demonstration is awaited (13/11/2014) AF noted that the panel hadn't arrived however DP was progressing the delivery of the panel (20/11/2014) DP advised that the panel was now due to be onsite on 28/11/2014. This would then be fitted urgently and it was proposed that a demonstration to provide a demonstration early w/c 01/12/2014. Corresponding deliveries will take place through December and into January 2015. (27/11/2014) **DP advised that ISandford went to MMPL (supplier of the alarms) and witnessed the test and is comfortable with what he witnessed. It was understood that the inducer was due to arrive on site later that day. (04/12/2014) DP advised that the testing had been done and was in a satisfactory position – awaiting delivery so can be swapped in. BMCL have a plan for the works – circa 180 in total.**
- VIE/Turning circle – it was noted that the NHS Had thought that BMCL were going to speak to WSP re how they had done the swept path analysis – it was established on site that there was an issue with a manhole cover which meant that the lorry delivering to the VIE could not use this area. The man-hole cover has now been replaced and the lorry driver is to come back and check he is now ok to use the full area. (20/11/2014) PM noted that the NHS have had 3 deliveries and on each occasion the lorry needed to be reversed into situ. Keen to understand the design intent and swept path analysis. GW advised that DS and WSP should be able to provide this info to PM. It is understood that there may be a simple resolution to the issue and this was confirmed. PM advised that the lorry was coming back on Monday to redo the traffic movement. (27/11/2014) PM advised that there had been a meeting with the Lead Driver onsite on Monday and the turning circle didn't work. WSP carrying out redesign to resolve the issue. (04/12/2014) **PM advised that he had received the drawing and IP had forwarded it onto Air Products . Air Products had subsequently forwarded it onto Wincanton and feedback is awaited. PM would ask the response chased up. (11/12/2014)**
- Walls at front entrance – PM advised that he should be able to confirm the way forward on 28/11/2014 – PM advised that he would still like to see a drawing asap. PM acknowledged that Gillespies are awaiting information to conclude the drawing. GW agreed to liaise with GB. (27/11/2014) PM advised that he had met with GB and AKerr and he now only needed to see the drawings. PM would provide a PMI to confirm the say forward asap. Item can then be closed. (04/12/2014) **PM advised that he was still awaiting the drawing. PM acknowledged that the walls will not be complete by 26<sup>th</sup> January 2015. (11/12/2014)**
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) **DP advised that he would liaise with AF for an update (11/12/2014)**
- Final sweep-up: Quality of corner welds – remediation works will be undertaken. Pull cords – a 'hybrid' location has been agreed to the 3 outstanding rooms. AF noted that JW is now pre-checking areas before JR goes in to do checks. Glazed screens – DH advised that on each floor as you exit cores A&B there is 2 glazed screens which are fitted the wrong round. Police room windows – PM advised that the blind mechanism to the police rooms still needs to be concluded (27/11/2014) AF advised that the Peterborough Project had suggested that there was some fire stopping and fire dampers which may not have been left as they should have been. AF had brought in a team to review all the fire stopping. (04/12/2014) **It was noted that this item could be closed and any big ticket items would be raised separately. (11/12/2014)**
- Xmas plans – AFe advised that BMCL will be working up to the 24<sup>th</sup> December and that the site would most likely shut early on the 24<sup>th</sup> (perhaps lunchtime). The 28<sup>th</sup>, 29<sup>th</sup> and 30<sup>th</sup> will be business as usual and the site would likely shut early on the 31<sup>st</sup> December. On the 2<sup>nd</sup> of January there would be 2 BMCL reps on duty to check the site only. It is expected that the site will reopen fully on the 5<sup>th</sup> January 2015. AF agreed to provide an Emergency Contact Sheet however noted that the first point of contact would be

AF, DP and GW. (27/11/2014) DP advised that this should already have been issued by PBeauchamp. DH advised that he had received the information and had passed onto the Group 5 contractors. (04/12/2014) DH advised this is WIP. DP noted that BMCL had provided a spreadsheet identifying the Xmas cover. DH advised that a response was awaited from IDM (MIS and Siemens) as to whether they expected to be on site over the festive period – DH was hoping to receive confirmation later that day. (11/12/2014)



- Crane lift for chillers – AF noted that the preference is for a Sunday crane lift as there is still a lot of deliveries to the site. DH will confirm back to the company that the lift needs to take place on the 14<sup>th</sup> December 2014. AF requested that DH confirms what support will be required from BMCL that day. DR advised that the Method Statement would need to be checked – it is important to ensure that insurances are in place. AF advised that the contact to assist the NHS with the crane move is Steven Docherty. (04/12/2014) DH advised that the works are planned for Saturday subject to satisfactory weather conditions – dilapidation walkround was still to be undertaken and this would be carried out in due course. (11/12/2014)
- Vinyl repair to CT room – it was noted that the vinyl had de-bonded. (11/12/2014)
- Omega earth bonding under vinyl in general xray room. DH had been advised that if want AC Flooring to carry out works then a PMI to BMCL would be required so that BMCL can instruct the works. It was suggested that the works cannot be carried out before the 5<sup>th</sup> January 2015 which impacts on the works to be carried out to that room (11/12/2014)
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014)
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 14/01/2015:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23504	BMCE-EWN-000149	AGV Lift Segregation	<p>21/01/2014</p> <p>27/11/2014</p> <p>04/12/2014 11/12/2014 08/01/2015</p>	<p>Following the recent Swisslog AGV TCMS2 software simulation, we have been advised by Swisslog the current Clean &amp; Dirty lift segregation is detrimentally affecting their delivery systems and matrix times. Therefore, currently as the project stands, the AGV system is non-compliant with NHS ER's.</p> <p>Swisslog propose remove AGV Clean &amp; Dirty lift segregation to allowing all AGV's to use any AGV lift. NHS Infection Control Procedures for AGV Lifts Core C, D, F, H &amp; K to be reviewed.</p> <p>GW advised that the way forward had been agreed between KConnelly and CGrindlay. DH advised that essentially are not separating the clean and dirty or the vertical – PMI to be provided to BMCL to confirm acceptance of change from ERs.</p> <p>DH to provide form of words to close this item out DH advised that he had drafted working and would issue a PMI later that day <b>Item closed as PMI 317 issued</b></p>	
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p><b>DP advised that WSP ongoing with the design to establish if any additional cost from initial cost estimate.</b></p>	
		Link Bridge at Neuro and impact on INS Entrance	<p>04/12/2014</p> <p>11/12/2014</p> <p>08/01/2015</p>	<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p> <p>AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme. DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut.</p> <p><b>AF advised that BMCL expected to be in a good place in next couple of weeks. DP noted that possession by BMCL was on 12<sup>th</sup> Jan 2015. AF noted that BMCL had not received acceptance of the programme as yet.</b></p>	

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SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
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**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 14/01/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later	

			04/12/2014	that day to discuss public/pedestrian separation. AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.	
			13/11/2014	DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015.	
			20/11/2014	AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.	
			27/11/2014	DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	
			04/12/2014	DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.	
			11/12/2014	DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.	
			08/01/2015	DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.	

3105	PMI 313 -	MRI Room Services	17/11/2014	<p>The following items require to be addressed to allow co-ordination with the Siemens installations within the 4no. MRI suites, in the following order to follow the installation programme.</p> <p>RCG -064 (MRI Scanner): Waste pipework from drip tray beneath SWVP to be re-routed away from vent ductwork and connected to drainage</p> <p>RCG-065 (Technical Room): Existing PAN013 to be replaced with isolator to allow installation of supplier switchgear</p> <p>RAG - 123 (Technical Room): Electrical switchgear currently located on wall backing on to RAG-112 to be relocated on to wall backing on to MIL-007/MIL-004 set out min 2.5m from original wall, all to allow installation of penetration panel and equipment cabinets</p> <p>RAG-109 (MRI Room): Quench pipe entering from RAG-110 to be raised to above Faraday Cage level(exact requirement to be confirmed) and existing support to be modified to eliminate likelihood of damage/corrosion due to contact between different metals</p> <p>RAG-110 (Technical Room): Review cooling requirements, and if acceptable, remove 1no. Airedale downflow unit backing on to RAG-111. Relocate switchgear from current position to location vacated by downflow unit including replacing PAN 013 with isolator switch</p> <p>RCF - 042: Remove existing PAN-013 and locate new isolator to RHS of door leaving space for supplier switchgear</p>	08/01/2015
			20/11/2014	<p>AFe advised this PMI needed to be discussed. DH noted that the revised works to RCG 064 needs to be complete by Monday 24<sup>th</sup> November 2014 as the Group 5 supplier commences their works on 24/11/2014.</p>	
			27/11/2014	<p>GW advised that he had received costs the previous night. DH requested the costs from GW asap.</p>	
			04/12/2014	<p>DH advised that this had been agreed. An overarching PMI would be provided to BMCL asap. These items were all contained within the equipment list. DH thanked BMCL for their efforts to resolve.</p>	
			11/12/2014	<p>DH advised this is WIP</p>	
			08/01/2015	<p>DP advised that the works had been carried out. DH noted that this is an Equipment list item so could be closed.</p>	
3138	PMI 316	Proposed alteration to AAW-170 Auto Dispense Room	01/12/2014	<p>The Board requests a quotation to alter room no. AAW-170 Auto Dispense in accordance with the attached mark-up omitting the following:</p> <ul style="list-style-type: none"> <li>a) COU8037 - reception counter (part installed)</li> <li>b) CAL001 - fit with blank plate to existing back box</li> <li>b) CAL036</li> <li>d) STF290L</li> </ul> <p>Board supplied items:</p> <ul style="list-style-type: none"> <li>a) COMP1000</li> <li>b) CHA004</li> </ul>	

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			04/12/2014 11/12/2014 08/01/2015	<p>will not be provided The following services: a) DATA1000 are to be installed in the surface trunking as per attached sketch. It is proposed that these works are to be undertaken post completion and are to be completed by Thursday 12th March 2015. AF enquired where the NHS would want to store any units that are to be taken out. PM agreed to confirm the location. DH advised that there is an allowance for Mercury however as there is another contractor involved in may be a case that can only allocate to 1 supplier. PM agreed to discuss with KC. PM advised that he a walkround and identified a room (core A) however as it was locked he was unable to check it. DP advised that he had met with KC who has identified a room. BMCL will vacate the large room and move across to the smaller room opposite. DS noted that consideration needed to be given to the storage requirements for the Building Control boxed information. It was agreed this item could be closed.</p>							
3203	PMI 317	A&C HOSPITALS - AGV LIFT SEPARATION	11/12/2014  08/01/2015	<p>Revised requirements for AGV's re lift segregation.</p> <p>The Board acknowledge that within the design the horizontal delivery (clean) and collection (dirty) routes for goods are shared, with infection control issues in relation to segregation addressed by the use of sealed containers/bags.</p> <p>For this reason, and to enhance resilience it is agreed that vertical travel (lifts) will be similarly shared and that all FM lifts in cores C, D, F, H, &amp; K will be categorised as goods and houskeeping lifts.</p> <p>It was noted that this PMI had been accepted by BMCL. Item can be closed.</p>							
3204	PMI 318	A&C Hospitals - Anti-static Vinyl Flooring	11/12/2014  08/01/2015	<p>In 13 No general X-Ray Rooms.</p> <p>The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.</p> <p>The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed.</p> <p>It was noted that BMCL had accepted the PMI on 07/01/2015 and had instructed AC Flooring to carry out the works. DH requested BMCL to confirm that the flooring materials are available. AF advised that the availability of the materials would be confirmed later that morning.</p>							
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	18/12/2014	<p>Following a review of the room layouts the Board request the amendments as detailed in the attached document.</p> <table><tr><td>Status B Drwgs</td><td></td></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>011 / 02</td><td>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</td></tr></table>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014	011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)	
Status B Drwgs											
023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014										
011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)										



				<div>012 / 02</div> <div>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</div> <div>017 / 02</div> <div>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</div> <div>001 / 02</div> <div>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</div> <div>Status C Drawings</div> <div>021 / 02</div> <div>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</div> <div>022 / 02</div> <div>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</div> <div>020 / 02</div> <div>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.</div>	
			08/01/2015	DP advised that the queries are being worked through	
3239	PMI 320	PHASE 3A - ADDITIONAL DEMOLITION WORKS & TEMPORARY CAR PARK	24/12/2014	<p>The Board confirm the additional works to be undertaken during Stage 3A as follows:-</p> <ul style="list-style-type: none"> <li>Demolition of buildings within existing accident &amp; emergency / outpatients / therapy complex comprising buildings AG, AK, AI, DH</li> <li>Construction of surface car parking (approximately 330 nr spaces) within the available site following demolitions</li> </ul> <p>08/01/2015 AFe advised that everything is in place and BMCL now only need the Compensation Event to cover the PMI</p>	
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres.	
3252	PMI 322 -	LTHW system	07/01/2015	<p>The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-up of inhibitor in July 2013.</p> <p>08/01/2015 DP advised that he had received an early indication that the PMI was due to be issued so plans are in place to progress this matter.</p>	

3267	PMI 323	A&C HOSPITALS - MRI COLD WATER 'TOP UP' SUPPLY PLANTROOM 31	12/01/2015	Please provide cold water top-up supply to the MRI chillers, the Board request that Brookfield provide an insulated 15mm cold water supply in plant room 31 extended out to the chiller area.	
3268	PMI 324	Reconfiguration of software on Static Systems Nurse Call	12/01/2015	The Board request a quotation for the reconfiguration of software on Static Systems nurse call system to ensure that the room number is on line 1 (top) of pop-up. An indication of cost implications for having bespoke software on future upgrades/patches should also be provided	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
14019	CE 069 -	A&C Hospitals - Anti-static Vinyl Flooring (cross ref PMI 318)	14/01/2015	<p>The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.</p> <p>The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed.</p> <p>The Board have received a quotation in the amount of [REDACTED] (inclusive of OH&amp;P) for these works.</p>	

### Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for

review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26/09/2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014) DH noted that there is an open point in the ring and JB advised that he needed to discuss this with RJohnson. JB had been requested to liaise with RJohnson asap and DH would chase JB up later that morning to check for a final response. (11/12/2014) **DH advised that he had written to JBushfield and advised that he needs the report by w/e 16/01/2015 (08/01/2015)**

- VIE/Turning circle – it was noted that the NHS Had thought that BMCL were going to speak to WSP re how they had done the swept path analysis – it was established on site that there was an issue with a manhole cover which meant that the lorry delivering to the VIE could not use this area. The man-hole cover has now been replaced and the lorry driver is to come back and check he is now ok to use the full area. (20/11/2014) PM noted that the NHS have had 3 deliveries and on each occasion the lorry needed to be reversed into situ. Keen to understand the design intent and swept path analysis. GW advised that DS and WSP should be able to provide this info to PM. It is understood that there may be a simple resolution to the issue and this was confirmed. PM advised that the lorry was coming back on Monday to redo the traffic movement. (27/11/2014) PM advised that there had been a meeting with the Lead Driver onsite on Monday and the turning circle didn't work. WSP carrying out redesign to resolve the issue. (04/12/2014) PM advised that he had received the drawing and IP had forwarded it onto Air Products . Air Products had subsequently forwarded it onto Wincanton and feedback is awaited. PM would ask to the response chased up. (11/12/2014) **It was advised that DS is meeting with the WSP Senior Team. DS has had a conference call with a WSP Senior Rep yesterday. Drawing expected to be received by BMCL by 16/01/2015 (08/01/2015)**
- Walls at front entrance – PM advised that he should be able to confirm the way forward on 28/11/2014 – PM advised that he would still like to see a drawing asap. PM acknowledged that Gillespies are awaiting information to conclude the drawing. GW agreed to liaise with GB. (27/11/2014) PM advised that he had met with GB and AKerr and he now only needed to see the drawings. PM would provide a PMI to confirm the way forward asap. Item can then be closed. (04/12/2014) **PM advised that he was still awaiting the drawing. PM acknowledged that the walls will not be complete by 26<sup>th</sup> January 2015. (11/12/2014) DP confirmed that the Planning Application for the front walls has been submitted. (08/01/2015)**
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) **DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015)**
- Crane lift for chillers – AF noted that the preference is for a Sunday crane lift as there is still a lot of deliveries to the site. DH will confirm back to the company that the lift needs to take place on the 14<sup>th</sup> December 2014. AF requested that DH confirms what support will be required from BMCL that day. DR advised that the Method Statement would need to be checked – it is important to ensure that insurances are in place. AF advised that the contact to assist the NHS with the crane move is Steven Docherty. (04/12/2014) DH advised that the works are planned for Saturday subject to satisfactory weather conditions – dilapidation walkround was still to be undertaken and this would be carried out in due course. (11/12/2014) It was agreed this item could be closed. **DH noted that the next xmas lift is 19<sup>th</sup> Jan 2015. AF advised that the crane lift was being reviewed by BMCL as BMCL are mindful that high winds are being forecasted. (08/01/2015)**



- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. AF advised that he had a drawing to be provided to the NHS (08/01/2015)
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014) DP noted that there are 2 rooms that may need alterations carried out and BMCL were in dialogue with WWhittle regarding this matter. DH advised that a response is required asap as is an understanding of timescales for the works and what the works will be. (08/01/2015)
- Pop-ups at Nurse Call bases – DH advised that a PMI would be issued later that day for a cost for the works as it is understood that Mercury will not provide a cost without being instructed via a PMI. (08/01/2015)
- Last air tests for whole job on Friday – Air permeability tests – AF noted that all tests had been passed to date. The final calculation will be undertaken post after the final tests on 09/01/2015 and information passed to NHS asap thereafter (08/01/2015)
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015)
- Building Control – AF advised that BC had undertaken a walkround and BC were extremely positive about the job. There are no issues foreseen re temporary habitation certificate BMCL were planning to carry out a further check of all the above ceilings – this would be undertaken out of hours. DL suggested that a dictat would need to be put out to all workers coming into the building to advise them not to cut any holes (08/01/2015)
- Overclad project – AF advised that he expected the drawings to be in w/c 12/01/2015 and these would be provided to the NHS asap thereafter. All elements are currently being progressed in the correct direction. (08/01/2015).


**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 21/01/2015:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014  08/01/2015 15/01/2015	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.</p> <p>AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p>	
		Link Bridge at Neuro and impact on INS Entrance	04/12/2014  11/12/2014  08/01/2015  15/01/2015	<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p> <p>AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme.</p> <p>DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut.</p> <p>AF advised that BMCL expected to be in a good place in next couple of weeks. DP noted that possession by BMCL was on 12<sup>th</sup> Jan 2015. AF noted that BMCL had not received acceptance of the programme as yet.</p> <p>DP advised that the Heras fencing is up and BMCL have secured a bit of ground for a compound. Delivery of materials is due to commence. The steel will be moved in off the footpath.</p>	

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
		Bus Stop at North East corner	TO BE RAISED	PM advised that he would provide a PMI to BMCL to stop the construction of bus stop at North East corner as is in the wrong place. PM had spoken to Paul McG on site and PMcG had advised there are other matters which has already stopped the works. The Bus Stop will be transferred into the Phase 3a works.	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 21/01/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	

			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.	
			13/11/2014	DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015.	
			20/11/2014	AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.	
			27/11/2014	DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	
			04/12/2014	DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.	



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			11/12/2014	DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.																							
			08/01/2015	DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.																							
			15/01/2015	DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.																							
3204	PMI 318	A&C Hospitals - Anti-static Vinyl Flooring	11/12/2014	In 13 No general X-Ray Rooms.																							
			08/01/2015	The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.  The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed. It was noted that BMCL had accepted the PMI on 07/01/2015 and had instructed AC Flooring to carry out the works. DH requested BMCL to confirm that the flooring materials are available. AF advised that the availability of the materials would be confirmed later that morning.																							
			15/01/2015	It was noted that this item could be closed as CEN had been raised.																							
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	18/12/2014	Following a review of the room layouts the Board request the amendments as detailed in the attached document.																							
				<table><tr><td>Status B Drwgs</td><td></td></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>011 / 02</td><td>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</td></tr><tr><td>012 / 02</td><td>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>017 / 02</td><td>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</td></tr><tr><td>001 / 02</td><td>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</td></tr><tr><td></td><td></td></tr><tr><td>Status C Drawings</td><td></td></tr><tr><td>021 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</td></tr><tr><td>022 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</td></tr><tr><td>020 / 02</td><td>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons.</td></tr></table>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014	011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)	012 / 02	Add dispenser for disposable urinals All as per email of 6 <sup>th</sup> November 2014	017 / 02	Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.	001 / 02	Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21 <sup>st</sup> November 2014			Status C Drawings		021 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.	022 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space	020 / 02	Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons.	
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				<p>Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.</p>	
			<p>08/01/2015 15/01/2015</p>	<p>DP advised that the queries are being worked through DMF advised that the costs would be provided to the NHS asap.</p>	
3239	PMI 320	PHASE 3A - ADDITIONAL DEMOLITION WORKS & TEMPORARY CAR PARK	<p>24/12/2014</p> <p>08/01/2015 15/01/2015</p>	<p>The Board confirm the additional works to be undertaken during Stage 3A as follows:-</p> <ul style="list-style-type: none"> <li>Demolition of buildings within existing accident &amp; emergency / outpatients / therapy complex comprising buildings AG, AK, AI, DH</li> <li>Construction of surface car parking (approximately 330 nr spaces) within the available site following demolitions</li> </ul> <p>AFe advised that everything is in place and BMCL now only need the Compensation Event to cover the PMI</p> <p>DL advised that the NHS were looking for surety of planning consent which BMCL are to progress. PM advised that the NHS were scheduled to meet with GCC w/ 19/01/2015. DL advised that in terms of progress it makes sense for the application to be undertaken by BMCL. DH suggested that BMCL should make the planning application and BMCL should proceed on basis of ensuring that information is submitted timeously and if so then the timing risk would lie with the Board. The NHS will cover the fees for the design and planning elements. This should be progressed on the same principles as other works.</p>	
3251	PMI 321	NCH Theatres 109 & 114	<p>07/01/2015</p> <p>15/01/2015</p>	<p>The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 &amp; 114. The cabling should match that previously installed to all other theatres.</p> <p>DP advised that James is working on providing the costs to the NHS</p>	
3252	PMI 322 -	LTHW system	<p>07/01/2015</p> <p>08/01/2015 15/01/2015</p>	<p>The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-up of inhibitor in July 2013.</p> <p>DP advised that he had received an early indication that the PMI was due to be issued so plans are in place to progress this matter.</p> <p>DP advised that this work is ongoing. DH enquired if BMCL were co-ordinating with IP re access to the labs &amp; valves and DP confirmed that BMCL are liaising with IP.</p>	
3267	PMI 323	A&C HOSPITALS - MRI COLD WATER 'TOP UP' SUPPLY PLANTROOM 31	<p>12/01/2015</p> <p>15/01/2015</p>	<p>Please provide cold water top-up supply to the MRI chillers, the Board request that Brookfield provide an insulated 15mm cold water supply in plant room 31 extended out to the chiller area.</p> <p>DH advised that he understood that the water supply is being installed this over the weekend and the equipment is coming onto site w/c 19/01/2015. DMF advised that James</p>	

				is pursuing review of costs.	
3268	PMI 324	Reconfiguration of software on Static Systems Nurse Call	12/01/2015  15/01/2015	The Board request a quotation for the reconfiguration of software on Static Systems nurse call system to ensure that the room number is on line 1 (top) of pop-up. An indication of cost implications for having bespoke software on future upgrades/patches should also be provided DMF advised that the cost was due to be provided by Mercury later that day.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015  15/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
14019	CE 069 -	A&C Hospitals - Anti-static Vinyl Flooring (cross ref PMI 318)	14/01/2015	<p>The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.</p> <p>The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed.</p> <p>The Board have received a quotation in the amount of [REDACTED] (inclusive of OH&amp;P) for these works.</p>	

Other items that require discussion:

A51679245

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014) DH noted that there is an open point in the ring and JB advised that he needed to discuss this with RJohnson. JB had been requested to liaise with RJohnson asap and DH would chase JB up later that morning to check for a final response. (11/12/2014) DH advised that he had written to JBushfield and advised that he needs the report by w/e 16/01/2015 (08/01/2015) **DH advised that he had spoken to JBushfield who had advised that he had an outstanding clarification with RJ to be concluded. DH had asked JBushfield to come into the site offices and liaise with RJ and that JBushfield needs to provide the report by cop 16/01/2015. ( 15/01/2015)**
- Walls at front entrance – PM advised that he should be able to confirm the way forward on 28/11/2014 – PM advised that he would still like to see a drawing asap. PM acknowledged that Gillespies are awaiting information to conclude the drawing. GW agreed to liaise with GB. (27/11/2014) PM advised that he had met with GB and AKerr and he now only needed to see the drawings. PM would provide a PMI to confirm the way forward asap. Item can then be closed. (04/12/2014) **PM advised that he was still awaiting the drawing. PM acknowledged that the walls will not be complete by 26<sup>th</sup> January 2015. (11/12/2014) DP confirmed that the Planning Application for the front walls has been submitted. (08/01/2015) It was agreed that this item could be closed as matter being progressed (15/01/2015)**
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) **AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015)**
- Crane lift for chillers – AF noted that the preference is for a Sunday crane lift as there is still a lot of deliveries to the site. DH will confirm back to the company that the lift needs to take place on the 14<sup>th</sup> December 2014. AF requested that DH confirms what support will be required from BMCL that day. DR advised that the Method Statement would need to be checked – it is important to ensure that insurances are in place. AF advised that the contact to assist the NHS with the crane move is Steven Docherty. (04/12/2014) DH advised that the works are planned for Saturday subject to satisfactory weather conditions – dilapidation walkround was still to be undertaken and this would be carried out in due course. (11/12/2014) It was agreed this item could be closed. DH noted that the next xmas lift is 19<sup>th</sup> Jan 2015. AF advised that the crane lift was being reviewed by BMCL as BMCL are mindful that high winds are being forecasted. (08/01/2015) **DH advised that Siemens are onsite today and it was proposed to have a last run through of the works later that morning. The only concern is the potential for the weather to become unsuitable for crane lifts. DH advised that he would check if there is any issue re gas depletion. AF noted that BMCL were getting the over panels sorted out and the wall taken down (15/01/2015)**



- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. AF advised that he had a drawing to be provided to the NHS (08/01/2015)
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014) DP noted that there are 2 rooms that may need alterations carried out and BMCL were in dialogue with WWhittle regarding this matter. DH advised that a response is required asap as is an understanding of timescales for the works and what the works will be. (08/01/2015) DP advised that Mercury are progressing this matter however confirmation of timescales was required. DH agreed to provide the timescale information. (15/01/2015)
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015)
- Building Control – AF advised that BC had undertaken a walkround and BC were extremely positive about the job. There are no issues foreseen re temporary habitation certificate BMCL were planning to carry out a further check of all the above ceilings – this would be undertaken out of hours. DL suggested that a dictat would need to be put out to all workers coming into the building to advise them not to cut any holes (08/01/2015) AF advised that BMCL have marked up a set of drawings in case Building Control requests drawings. BControl had expressed an interest in the Group 5 rooms. All the group 5 rooms had been marked up on drawings. The group 5 rooms had been discussed and consideration was being given to making the Group 5 rooms as construction zones/rooms. BControl are scheduled to be onsite on 15<sup>th</sup> & 16<sup>th</sup> & 20<sup>th</sup> Jan. S advised that once BControl are satisfied with what they see on site then it takes 3 days for the certification to be provided. (15/01/2015)
- Overclad project – AF advised that he expected the drawings to be in w/c 12/01/2015 and these would be provided to the NHS asap thereafter. All elements are currently being progressed in the correct direction. (08/01/2015). GB to provide the programme to the NHS (15/01/2015)
- Snagging/Defects – AF advised that the process needed to be agreed. AF proposed that notification of defect is provided to Elaine Robertson who will co-ordinate the notification process between the User, BMCL and the Project Team. DH advised that this may be beneficial as the NHS do not have access to the IDMS. AF agreed to provide a proposal for discussion at the completion criteria meeting scheduled to take place on 16/01/2015. BMCL would also be providing colour coded drawings as to how they proposed to close out defects.
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015)
- Blackstart – DH requested details of the blackstart i.e. that BMCL need to remove the generator doing the labs on 26<sup>th</sup> Jan. DP advised that if haven't completed final test then works can be classed as commissioning therefore Labs doesn't need to be taken of the generator. IP should discuss this with SEPA and that SEPA would agree with this approach as long as carefully proposed to them. DH advised that IP is not keen on delaying taking the Labs off the generator. DP advised that if do all the blackstart then this would mean that not everything is tested i.e. Group 5 and therefore the risk would sit with the Board. DL suggested that DP, DH and IP should meet to discuss. (15/01/2015) .

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**


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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 28/01/2015:


<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015 15/01/2015</p> <p>22/01/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p>	
		Link Bridge at Neuro and impact on INS Entrance	<p>04/12/2014</p> <p>11/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p>	<p>To be raised.</p> <p>Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works.</p> <p>AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme. DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut.</p> <p>AF advised that BMCL expected to be in a good place in next couple of weeks. DP noted that possession by BMCL was on 12<sup>th</sup> Jan 2015. AF noted that BMCL had not received acceptance of the programme as yet.</p> <p>DP advised that the Heras fencing is up and BMCL have secured a bit of ground for a compound. Delivery of materials is due to commence. The steel will be moved in off the footpath.</p> <p>AF advised that BMCL would be starting works as soon as possible. A discussion re the traffic flow/management was required. GArmstrong is having a look at the interface with BAM. DH noted that GF has a suggestion to conclude and was meeting with BMCL and BAM later that morning.</p>	



					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
23959	NHS EWN 054	- External Works Phase 3 Central Park East Bus Stop	22/01/2015	The Board confirm that construction of the bus stop on the east side of Central Park should be stopped and the works transferred to Stage 3A. It is further confirmed that the location of the bus stop is likely to move north along the Langlands Road kerb line. The final position will be confirmed post receipt of planning consent for Car Park 3, which is anticipated to be made in March 2015.	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 28/01/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDerment to agree extend of works. All as discussed Paul McGuinness / Hugh McDerment. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDerment to agree the scope of works. PM advised that once the pipe is	



			<p>27/11/2014</p> <p>04/12/2014</p> <p>11/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p>	<p>exposed then there would be a site visit to agree the way forward.</p> <p>AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p><b>AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</b></p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	<p>10/11/2014</p> <p>13/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p>	<p>The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</li> </ol> <p>DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p> <p>AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</p> <p>DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26<sup>th</sup> January 2015</p>	

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			<div>04/12/2014</div> <div>11/12/2014</div> <div>08/01/2015</div> <div>15/01/2015</div> <div>22/01/2015</div>	<div>however the light needs to be moved asap.</div> <div>DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.</div> <div>DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.</div> <div>DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.</div> <div>DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.</div> <div>DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.</div>																							
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	<div>18/12/2014</div>	<div>Following a review of the room layouts the Board request the amendments as detailed in the attached document.</div> <table><tr><td>Status B Drwgs</td><td></td></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>011 / 02</td><td>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</td></tr><tr><td>012 / 02</td><td>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>017 / 02</td><td>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</td></tr><tr><td>001 / 02</td><td>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</td></tr><tr><td></td><td></td></tr><tr><td>Status C Drawings</td><td></td></tr><tr><td>021 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</td></tr><tr><td>022 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</td></tr><tr><td>020 / 02</td><td>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.</td></tr></table>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014	011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)	012 / 02	Add dispenser for disposable urinals All as per email of 6 <sup>th</sup> November 2014	017 / 02	Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.	001 / 02	Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21 <sup>st</sup> November 2014			Status C Drawings		021 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.	022 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space	020 / 02	Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.	
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			08/01/2015 15/01/2015 22/01/2015	DP advised that the queries are being worked through DMF advised that the costs would be provided to the NHS asap. AF advised that BMCL have the costs and would provide these to the NHS asap.	
3239	PMI 320	PHASE 3A - ADDITIONAL DEMOLITION WORKS & TEMPORARY CAR PARK	24/12/2014  08/01/2015 15/01/2015  22/01/2015	The Board confirm the additional works to be undertaken during Stage 3A as follows:-  <ul style="list-style-type: none"> <li>Demolition of buildings within existing accident &amp; emergency / outpatients / therapy complex comprising buildings AG, AK, AI, DH</li> <li>Construction of surface car parking (approximately 330 nr spaces) within the available site following demolitions</li> </ul> AFe advised that everything is in place and BMCL now only need the Compensation Event to cover the PMI DL advised that the NHS were looking for surety of planning consent which BMCL are to progress. PM advised that the NHS were scheduled to meet with GCC w/ 19/01/2015. DL advised that in terms of progress it makes sense for the application to be undertaken by BMCL. DH suggested that BMCL should make the planning application and BMCL should proceed on basis of ensuring that information is submitted timeously and if so then the timing risk would lie with the Board. The NHS will cover the fees for the design and planning elements. This should be progressed on the same principles as other works. AF advised that he will provide information later that afternoon. DH noted a query re 'temporary' in that there are different levels of flood risk assessments to be done depending on the permission being sought. DS requested that the NHS confirm the strategy whether temporary or permanent to BMCL i.e. different drainage solution. DL agreed to confirm the way forward to BMCL. DH advised that he had asked Andy to include for in the costs.	
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015  15/01/2015 22/01/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres. DP advised that James is working on providing the costs to the NHS AF advised that he had spoken to EMcl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties.	
3252	PMI 322 -	LTHW system	07/01/2015  08/01/2015 15/01/2015 22/01/2015	The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-up of inhibitor in July 2013. DP advised that he had received an early indication that the PMI was due to be issued so plans are in place to progress this matter. DP advised that this work is ongoing. DH enquired if BMCL were co-ordinating with IP re access to the labs & valves and DP confirmed that BMCL are liaising with IP. DP suggested that there would be another couple of weekend working as progress hadn't been as desired.	

3267	PMI 323	A&C HOSPITALS - MRI COLD WATER 'TOP UP' SUPPLY PLANTROOM 31	12/01/2015 15/01/2015 22/01/2015	Please provide cold water top-up supply to the MRI chillers, the Board request that Brookfield provide an insulated 15mm cold water supply in plant room 31 extended out to the chiller area. DH advised that he understood that the water supply is being installed this over the weekend and the equipment is coming onto site w/c 19/01/2015. DMF advised that James is pursuing review of costs. DH noted that access to a temp supply is in situ. James and DH to discuss costs. DMF requested that a PMI be issued requesting a quotation. It was noted that the supply chain are less engaged to provide quotes.	
3268	PMI 324	Reconfiguration of software on Static Systems Nurse Call	12/01/2015 15/01/2015 22/01/2015	The Board request a quotation for the reconfiguration of software on Static Systems nurse call system to ensure that the room number is on line 1 (top) of pop-up. An indication of cost implications for having bespoke software on future upgrades/patches should also be provided DMF advised that the cost was due to be provided by Mercury later that day. DMF advised that BMCL have a price however had not uploaded any quote to Sypro at this time due to checking if there is any cost re maintenance. The cost for the reconfiguration would be provided asap.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015 15/01/2015 22/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening. DMF advised this matter is going through the process.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015 15/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14019	CE 069 -	A&C Hospitals - Anti-static Vinyl Flooring (cross ref PMI 318)	14/01/2015	<p>The Board request that repairs to Omex flooring are undertaken in 13 No. general X-ray rooms where floor tracks have been cut to retrofit cable trunking to new equipment positions.</p> <p>The works are to be undertaken in two separate visits with the majority completed as soon as possible, and those rooms currently occupied by equipment, on a second visit. Exact programme to be agreed.</p> <p>The Board have received a quotation in the amount of [REDACTED] (inclusive of OH&amp;P) for these works.</p>	28/01/2015
14087	CEN 070	A&C HOSPITALS LIFT INSTALLATION - PROTECTIVE CURTAINS AND FIXINGS	22/01/2015	<p>Confirmation of Board PMI 315. Please proceed and have stud fixings for hanging protective drapes in lift cars installed in 8 No. lifts cars as detailed on drawing attached to PMI 315. Please provide 6 sets of protective lift drapes as detailed on the attached schedule, sized for the specific lifts noted. Note some lifts will share 1 set of drapes.</p> <p>Provide storage bags as noted in Schindler quotation (also attached).</p> <p>Quotation received and agreed in amount of [REDACTED] inclusive of OH+P but excluding VAT.</p>	28/01/2015

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the

report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014) DH noted that there is an open point in the ring and JB advised that he needed to discuss this with RJohnson. JB had been requested to liaise with RJohnson asap and DH would chase JB up later that morning to check for a final response. (11/12/2014) DH advised that he had written to JBushfield and advised that he needs the report by w/e 16/01/2015 (08/01/2015) DH advised that he had spoken to JBushfield who had advised that he had an outstanding clarification with RJ to be concluded. DH had asked JBushfield to come into the site offices and liaise with RJ and that JBushfield needs to provide the report by cop 16/01/2015. (15/01/2015) **DP advised that the report and recommendations had been issued to BMCL and DP would review this asap. DH advised that there were 4 recommendations for BMCL to agree but that he did not think there was any showstoppers (22/01/2015)**

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) **AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) **AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015)**
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014) DP noted that there are 2 rooms that may need alterations carried out and BMCL were in dialogue with WWhittle regarding this matter. DH advised that a response is required asap as is an understanding of timescales for the works and what the works will be. (08/01/2015) **DP advised that Mercury are progressing this matter however confirmation of timescales was required. DH agreed to provide the timescale information. (15/01/2015). DH advised that the blood fridges were due to be delivered 23<sup>rd</sup> Feb and he needed to know if the vent matter would be concluded before this time. DH also needed some switch spurs changed to non –spurs (22/01/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) **DH agreed to liaise with A Brennan (22/01/2015)**
- Building Control – AF advised that BC had undertaken a walkround and BC were extremely positive about the job. There are no issues foreseen re temporary habitation certificate BMCL were planning to carry out a further check of all the above ceilings – this would be undertaken out of hours. DL suggested that a dictat would need to be put out to all workers coming into the building to advise them not to cut any holes (08/01/2015) AF advised that BMCL have marked up a set of drawings in case Building Control requests drawings. BControl had expressed an interest in the Group 5 rooms. All the group 5 rooms had been marked up on drawings. The group 5 rooms had been discussed and consideration was being given to making the Group 5 rooms as construction zones/rooms. BControl are scheduled to be onsite on 15<sup>th</sup> & 16<sup>th</sup> & 20<sup>th</sup> Jan. S advised that once BControl are satisfied with what they see on site then it takes 3 days for the certification to be provided. (15/01/2015) **AF advised that Building Control had visited the internals and were satisfied however they had made some comments regarding the externals. A page turn would be carried out with JW later that week. BControl are due back on site on 26<sup>th</sup> Jan for a walkround. (22/01/2015)**
- Overclad project – AF advised that he expected the drawings to be in w/c 12/01/2015 and these would be provided to the NHS asap thereafter. All elements are currently being progressed in the correct direction. (08/01/2015). GB to provide the programme to the NHS (15/01/2015) DS noted that GB was organizing a workshop w/c 2<sup>nd</sup> Feb 2015 (22/01/2015)

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015)
- Blackstart – DH requested details of the blackstart i.e. that BMCL need to remove the generator doing the labs on 26<sup>th</sup> Jan. DP advised that if haven't completed final test then works can be classed as commissioning therefore Labs doesn't need to be taken off the generator. IP should discuss this with SEPA and that SEPA would agree with this approach as long as carefully proposed to them. DH advised that IP is not keen on delaying taking the Labs off the generator. DP advised that if do all the blackstart then this would mean that not everything is tested i.e. Group 5 and therefore the risk would sit with the Board. DL suggested that DP, DH and IP should meet to discuss. (15/01/2015). It was noted that the blackstart test on Monday 19<sup>th</sup> January 2015 had gone well. IP is keen to get the Labs gens off site by early February 2015. DP advised this would be possible as long as BMCL have a few days notice so that they can ensure a smooth transition. IP would be doing his own blackstart test and then put the Labs back on the morning of 2<sup>nd</sup> Feb 2015. (22/01/2015)
- Wardview – DH advised that the information had been provided to DP and JBailey. DH had been through his spreadsheet with FW on her return from leave and there was only 2 items missed which are in relation the Science Centre works (22/01/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 04/02/2015:




Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014  08/01/2015 15/01/2015  22/01/2015  29/01/2015	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date. DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost. DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products. DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok. GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
		Link Bridge at Neuro and impact on INS Entrance	04/12/2014 11/12/2014 08/01/2015 15/01/2015 22/01/2015 29/01/2015	To be raised. Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works. AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme. DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut. AF advised that BMCL expected to be in a good place in next couple of weeks. DP noted that possession by BMCL was on 12 <sup>th</sup> Jan 2015. AF noted that BMCL had not received acceptance of the programme as yet. DP advised that the Heras fencing is up and BMCL have secured a bit of ground for a compound. Delivery of materials is due to commence. The steel will be moved in off the footpath. AF advised that BMCL would be starting works as soon as possible. A discussion re the traffic flow/management was required. GArmstrong is having a look at the interface with BAM. DH noted that GF has a suggestion to conclude and was meeting with BMCL and BAM later that morning. AF advised that the 2 <sup>nd</sup> Feb would be the start date. PM advised that once BMCL have hoardings up then he	

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proposes to look at the pavement arrangement. AF agreed to review the pavement arrangement as well. DP noted that the oxygen connect is needed so that the oxygen connections can be done at this end – this was indicated as being done March. AF advised that he would send dates – BMCL need to do temporary works which will be priced up and provided to NHS. The programme for the bridge is being looked at.

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 04/02/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
23959	NHS EWN 054	- External Works Phase 3 Central Park East Bus Stop	22/01/2015  29/01/2015	The Board confirm that construction of the bus stop on the east side of Central Park should be stopped and the works transferred to Stage 3A. It is further confirmed that the location of the bus stop is likely to move north along the Langlands Road kerb line. The final position will be confirmed post receipt of planning consent for Car Park 3, which is anticipated to be made in March 2015. GW requested that the NHS provide a PMI for this matter.	Cross ref PMI 334

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/02/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014  23/10/2014 30/10/2014 13/11/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works. PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded. DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out. DP advised that SGN were due on site later that day to inspect the pipe and advise on any work	

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			<p>20/11/2014 required. DP noted that the water pipe was an NHS pipe so is easier to deal with. DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 <b>AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</b></p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	<p>10/11/2014 The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228for connection of 'stacks' to the pendant.</li> </ol> <p>13/11/2014 DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall</p>	

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			<div>20/11/2014</div> <div>27/11/2014</div> <div>04/12/2014</div> <div>11/12/2014</div> <div>08/01/2015</div> <div>15/01/2015</div> <div>22/01/2015</div> <div>29/01/2015</div>	<div>out of the 26<sup>th</sup> January 2015. AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</div> <div>DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26<sup>th</sup> January 2015 however the light needs to be moved asap.</div> <div>DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.</div> <div>DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.</div> <div>DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.</div> <div>DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.</div> <div>DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.</div> <div>DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.</div>																		
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	<div>18/12/2014</div> <div><table><tr><th>Status B Drwgs</th><th></th></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>011 / 02</td><td>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</td></tr><tr><td>012 / 02</td><td>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</td></tr><tr><td>017 / 02</td><td>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</td></tr><tr><td>001 / 02</td><td>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</td></tr><tr><td></td><td></td></tr><tr><th>Status C Drawings</th><th></th></tr><tr><td>021 / 02</td><td>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</td></tr></table></div>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox All as per email of 6 <sup>th</sup> November 2014	011 / 02	Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)	012 / 02	Add dispenser for disposable urinals All as per email of 6 <sup>th</sup> November 2014	017 / 02	Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.	001 / 02	Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21 <sup>st</sup> November 2014			Status C Drawings		021 / 02	Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.	
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				<div>022 / 02</div> <div>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</div>	
				<div>020 / 02</div> <div>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.</div>	
			08/01/2015 15/01/2015 22/01/2015 29/01/2015	DP advised that the queries are being worked through DMF advised that the costs would be provided to the NHS asap. AF advised that BMCL have the costs and would provide these to the NHS asap. GW advised that costs would be provided later that day.	
3239	PMI 320	PHASE 3A - ADDITIONAL DEMOLITION WORKS & TEMPORARY CAR PARK	24/12/2014   08/01/2015 15/01/2015  22/01/2015  29/01/2015	The Board confirm the additional works to be undertaken during Stage 3A as follows:- <ul style="list-style-type: none"> <li>Demolition of buildings within existing accident &amp; emergency / outpatients / therapy complex comprising buildings AG, AK, AI, DH</li> <li>Construction of surface car parking (approximately 330 nr spaces) within the available site following demolitions</li> </ul> AFe advised that everything is in place and BMCL now only need the Compensation Event to cover the PMI DL advised that the NHS were looking for surety of planning consent which BMCL are to progress. PM advised that the NHS were scheduled to meet with GCC w/ 19/01/2015. DL advised that in terms of progress it makes sense for the application to be undertaken by BMCL. DH suggested that BMCL should make the planning application and BMCL should proceed on basis of ensuring that information is submitted timeously and if so then the timing risk would lie with the Board. The NHS will cover the fees for the design and planning elements. This should be progressed on the same principles as other works. AF advised that he will provide information later that afternoon. DH noted a query re 'temporary' in that there are different levels of flood risk assessments to be done depending on the permission being sought. DS requested that the NHS confirm the strategy whether temporary or permanent to BMCL i.e. different drainage solution. DL agreed to confirm the way forward to BMCL. DH advised that he had asked Andy to include for in the costs. PM advised that he would provide a CE to BMCL, the drainage impact and floor risk assessments are excluded. Revised costs to be provided as the costs provided do not include the BMCL profit margin.	Cross ref CEN 072 raised 29/01/2015
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015  15/01/2015 22/01/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres. DP advised that James is working on providing the costs to the NHS AF advised that he had spoken to EMcl re timeous provision of info to BMCL. AF noted that	

			29/01/2015	the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties. GW advised that the cost had been uploaded to Sypro on 28/01	
3252	PMI 322 -	LTHW system	07/01/2015  08/01/2015 15/01/2015 22/01/2015 29/01/2015	The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-up of inhibitor in July 2013. DP advised that he had received an early indication that the PMI was due to be issued so plans are in place to progress this matter. DP advised that this work is ongoing. DH enquired if BMCL were co-ordinating with IP re access to the labs & valves and DP confirmed that BMCL are liaising with IP. DP suggested that there would be another couple of weekend working as progress hadn't been as desired. GW advised that the cost had been uploaded to Sypro on 28/01	
3267	PMI 323	A&C HOSPITALS - MRI COLD WATER 'TOP UP' SUPPLY PLANTROOM 31	12/01/2015 15/01/2015 22/01/2015 29/01/2015	Please provide cold water top-up supply to the MRI chillers, the Board request that Brookfield provide an insulated 15mm cold water supply in plant room 31 extended out to the chiller area. DH advised that he understood that the water supply is being installed this over the weekend and the equipment is coming onto site w/c 19/01/2015. DMF advised that James is pursuing review of costs. DH noted that access to a temp supply is in situ. James and DH to discuss costs. DMF requested that a PMI be issued requesting a quotation. It was noted that the supply chain are less engaged to provide quotes. GW advised that the cost had been uploaded to Sypro on 26/01. DH advised that the way forward had been agreed. PM advised that he would provide a CE for this item.	Cross ref CEN 072 raised 29/01/2015
3268	PMI 324	Reconfiguration of software on Static Systems Nurse Call	12/01/2015 15/01/2015 22/01/2015 29/01/2015	The Board request a quotation for the reconfiguration of software on Static Systems nurse call system to ensure that the room number is on line 1 (top) of pop-up. An indication of cost implications for having bespoke software on future upgrades/patches should also be provided DMF advised that the cost was due to be provided by Mercury later that day. DMF advised that BMCL have a price however had not uploaded any quote to Sypro at this time due to checking if there is any cost re maintenance. The cost for the reconfiguration would be provided asap. GW advised that the cost had been uploaded to Sypro on 28/01. DH advised that he was awaiting the 2 <sup>nd</sup> part of the cost re maintenance.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply	

			15/01/2015  22/01/2015 29/01/2015	<p>2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening. DMF advised this matter is going through the process. GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.</p>	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015      15/01/2015	<p>Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above</p>	
3303	PMI 327 -	Omission of padded wall covering	23/01/2015   29/01/2015	<p>The Board request that, as agreed, the padded wall covering to the following rooms is omitted and that the associated cost saving is provided: DCFP - 050 GW3 – 049 GW advised that this would leave BMCL with DCFP 051 which is situated next to DCFP 050 therefore it made more sense for the NHS to do this room as well. GW advised that he is awaiting confirmation from MMacleod regarding this. GW suggested that the NHS contractor should provide a quote for the room. AF advised that BMCL will liaise with Rhino re getting a survey done way forward and will confirm outcome once available.</p>	
3304	PMI 328 -	Additional/Altered Power and Data	23/01/2015  29/01/2015	<p>The Board request a quotation for additional/altered power &amp; data in a variety of locations as noted in the attached spreadsheet (Requirements v4) GW advised this is WIP</p>	
3313	PMI 329	ROOM ACCESS SWIPE CARD SOFTWARE	27/01/2015  29/01/2015	<p>Provide additional software license. Please purchase and pass to Facilities Management an additional software license for the swipe card access software. AF suggested that a meeting should be arranged to discuss this.</p>	
3321	PMI 330 -	Anaesthetic Pendant RNM-037	28/01/2015	<p>The Board request a quotation to reposition the anaesthetic pendant within RNM-037 (Shared Image room) as per the attached GA &amp; RCP extracts to eliminate a clash between a monitor arm and the pendant. The cost should include for the re-commissioning activities albeit that QC tests have not been carried out in this area.</p>	



3330	PMI 331 -	ARRIVAL SQUARE - 4 No. BUS STANCES	30/01/2015	<p>Provision of as fitted information.</p> <p>Please provide a drawing (or link to existing drawing) that shows the position of the following in relation to the saw tooth road kerb for each of the 4 stances;</p> <p>a) Foundation for bus shelter - dimensions and depth.</p> <p>b) Position and layout of underground purple flexible ducts, including all links.</p> <p>c) Inspection chambers.</p> <p>d) Details of RS sockets and foundation as installed for RTPI poles</p> <p>e) Confirmation if power cables have been installed.</p> <p>This information is required by 13 February 2015.</p>	
3331	PMI 332	IT Hub Room Cabinets	30/01/2015	<p>Please make amendments to hub room cabinets as described below.</p> <p>The Board confirm the requirement to remove 1 No. vertical cable management tray from those IT cabinets in hub rooms containing single or double chassis where the vertical cabling restricts through access horizontally for future/imminent cabling. (As discussed D. Wilson / D.Hall).</p>	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	<p>Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.</p> <p>The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.</p> <p>Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.</p>	
3333	PMI 334 -	External Works - Bus Stop Central Park East	30/01/2015	<p>Transfer of Bus Stop from Stage 3 to Stage 3A</p> <p>Due to the revise layout of Car Park 3, the slip and exit junctions are likely to change. This will impact on the current location and will require to move. The final position will be confirmed post receipt of planning consent for CP3, expected sometime in March 2015. Hold all works in this area.</p>	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
14176	CEN 071	Car Park 4 - Planning Application for Ground Based Car Park (c.329 spaces)	29/01/2015	Please proceed and develop design and submit full planning application for a permanent ground based car park on the site of the former OPD, Therapies and A&E buildings and secure consent. To include activities costed under PMI 320, excluding at this stage the FRA and DIA assessments.	04/02/2015
14177	CE 072	MRI COLD WATER 'TOP-	29/01/2015	Confirmation of works as set out in PMI 323 to provide top up CW supply to MRI equipment.	04/02/2015

## Other items that require discussion:

- DP advised that he was in discussion with Wallace Whittle re HV separation/sprinkler coverage (06/06/2013) DP suggested that the way forward/proposals will be agreed asap (20/03/2014) DP advised that he had a schedule and series of meetings organised to discuss the HV with Wallace Whittle and key stakeholders (27/03/2014). WIP (17/0/2014) DP advised that WW on site yesterday. There is a new HV rep getting involved – new rep had been provided with a tour of the site and discussions are being progressed. (24/04/2014) DP advised this is WIP/Ongoing. (01/05/2014) DP advised that good progress was being achieved and suggested that matter would be concluded by mid June 2014. (29/05/2014). Work on going to conclude by end of June 2015. (12/06/2014). BMCE have now completed review and will prepare a report for review by Board and Wallace Whittle in July, with sign off by month end. Solution may require two isolated areas of pipe being wrapped in fire blanket. WIP (26.09.2014) DP advised that this was WIP and that it will be a couple of weeks before the report is concluded. Confirmed that a separate compartment will not be required. Gillon has asked for a cost for blankets (03/07/2014) DP advised that report on target to be issued to the NHS by 24/07/2014. (10/07/2014) DP advised this is nearing conclusion and he was awaiting a response to a couple of queries he had (24/07/2014) DP advised that he was pushing this matter on and the report was expected imminently (31/07/2014) DP to be requested to provide update re progress to conclude matter asap (28/08/2014) JB advised that the report has been issued in draft format so that the NHS can ask JBushfield to review. DH to provide the report to JBushfield. (11/09/2014) DH advised that report had been provided to JBushfield and JBushfield has been asked to provide the fee for the works so can progress. (25/09/2014) DP noted this matter is WIP (2/10/2014) DR noted this was WIP. DR advised that he had received a fee for the JB review and this had been passed to DH for checking and discussion with JB (09/10/2014) Wallace Whittle to complete review, week commencing 03 November and this item can be CLOSED 23/10/2014 DH advised that he was expecting a response from JB on 3<sup>rd</sup> November 2014. (30/10/2014) DH advised that he would chase up JBushfield (13/10/2014) DH advised that JBushfield has reviewed the document and indicated that he is generally satisfied with the document. He has requested to walk 1 area and will be onsite later that day to review, thereafter he will conclude and submit his report. (20/11/2014) DH advised that he had received the draft report from JBushfield and would review this asap. The report is in draft form as JBushfield has 1 query to be concluded. (27/11/2014) DH advised that he had reviewed the report and is content with the report. There is one JB query to be concluded. DP advised that he had provided information to JB in response to his query (04/12/2014) DH noted that there is an open point in the ring and JB advised that he needed to discuss this with RJohnson. JB had been requested to liaise with RJohnson asap and DH would chase JB up later that morning to check for a final response. (11/12/2014) DH advised that he had written to JBushfield and advised that he needs the report by w/e 16/01/2015 (08/01/2015) DH advised that he had spoken to JBushfield who had advised that he had an outstanding clarification with RJ to be concluded. DH had asked JBushfield to come into the site offices and liaise with RJ and that JBushfield needs to provide the report by cop 16/01/2015. (15/01/2015) DP advised that the report and recommendations had been issued to BMCL and DP would review this asap. DH advised that there were 4 recommendations for BMCL to agree but that he did not think there was any showstoppers (22/01/2015) **DH advised that he had spoken to JB and the report has an anomaly (29/01/2015)**
- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMCL so that costs could be provided from Mercury (22/01/2015) **AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) **AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015)**
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014) DP noted that there are 2 rooms that may need alterations carried out and BMCL were in dialogue with

WWhittle regarding this matter. DH advised that a response is required asap as is an understanding of timescales for the works and what the works will be. (08/01/2015) DP advised that Mercury are progressing this matter however confirmation of timescales was required. DH agreed to provide the timescale information. (15/01/2015). DH advised that the blood fridges were due to be delivered 23<sup>rd</sup> Feb and he needed to know if the vent matter would be concluded before this time. DH also needed some switch spurs changed to non –spurs (22/01/2015) DH advised that the vent and power needed to be completed by 16<sup>th</sup> Feb 2015. (29/01/2015)

- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015)
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015)
- Fire door hold opens – DH advised this is a change request from the imaging dept. DH advised that he would progress the request through the Change Control Process. DS enquired if this change should go to Building Control. DH provided an overview of the changes noting that he did not consider that the change needed to go to Building Control. A PMI would be provided to BMCL in due course (29/01/2015)
- Telephone lines – GW advised that the cost is extra over but he understood that DH has a query that is more than just extra over. DH advised that a discussion needs to be had re no of telephone lines as there is a difference of opinion. DH would meet with DW and JBailey. DH noted that the lines for the Teaching & Learning will be needed soon. (29/01/2015)
- DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door & half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015)
- Snow clearance – AF advised that KC had asked to get snow cleared from the building that morning and BMCL had assisted however going forward this would be for the NHS to deal with. DH noted that IP was looking at extending the Board's current Land Engineering contract. AF noted that BMCL will continue to grit from the car park to the fence line. (29/01/2015)
- Project Lead – AF advised that Fergus Shaw will become the Project Lead soon. BMCL will be having discussions re which BMCL staff remain on site. (29/01/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 11/02/2015:




Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014  08/01/2015 15/01/2015  22/01/2015  29/01/2015  05/02/2015	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.  DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.  DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.  DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.  GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.  <b>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</b>	
		Link Bridge at Neuro and impact on INS Entrance	04/12/2014 11/12/2014 08/01/2015 15/01/2015 22/01/2015	To be raised. Advised that INS Entrance start date is at threat. BMCL are concerned at starting the works at this stage and due to the closeness of the Xmas shut down period that a hole needs to be left in the building over the festive period. BMCL are now struggling to get the structural steel company on site as there are now focused on completing other existing works. AFe advised that it was proposed to try and put the split legs in before do the VIE or carrier system. BMCL proposed to do the internal wall removal in stages. BMCL would try to minimise the impact to the programme. DP advised this is WIP. The structural integrity of the carrier is being looked at. BMCL would leave both legs live until the needed to be cut. AF advised that BMCL expected to be in a good place in next couple of weeks. DP noted that possession by BMCL was on 12 <sup>th</sup> Jan 2015. AF noted that BMCL had not received acceptance of the programme as yet. DP advised that the Heras fencing is up and BMCL have secured a bit of ground for a compound. Delivery of materials is due to commence. The steel will be moved in off the footpath. AF advised that BMCL would be starting works as soon as possible. A discussion re the traffic flow/management was required. GArmstrong is having a look at the interface with BAM. DH noted that GF has a suggestion to conclude and was meeting with BMCL and BAM later that morning.	05/02/2015

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			29/01/2015	AF advised that the 2 <sup>nd</sup> Feb would be the start date. PM advised that once BMCL have hoardings up then he proposes to look at the pavement arrangement. AF agreed to review the pavement arrangement as well. DH noted that the oxygen connect is needed so that the oxygen connections can be done at this end – this was indicated as being done March. AF advised that he would send dates – BMCL need to do temporary works which will be priced up and provided to NHS. The programme for the bridge is being looked at.	
			05/02/2015	AF advised that works have commenced. The traffic system is in operation and working well. The works to the link will commence in 2 weeks. BMCL have concern that BAM took down some of the BMCL heras fencing to store some of the BAM ducting however they did not replace the heras thereby the site was left open to the public and this is not acceptable. AF understood that GF had spoken to BAM about this matter. PM suggested that this is Paul Fairie's project. DL agreed to find out what has happened and why and get this stopped from happening again. It was agreed this item could be closed.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/02/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
NONE					

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/02/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDerment to agree extend of works. All as discussed Paul McGuinness / Hugh McDerment. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to	

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			<p>13/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p> <p>04/12/2014</p> <p>11/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p>	<p>confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out. DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.</p> <p>DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	<p>The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> </ol>	



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			<div>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</div> <div>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</div> <div>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</div> <div>13/11/2014</div> <div>DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</div> <div>20/11/2014</div> <div>AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</div> <div>27/11/2014</div> <div>DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26<sup>th</sup> January 2015 however the light needs to be moved asap.</div> <div>04/12/2014</div> <div>DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.</div> <div>11/12/2014</div> <div>DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.</div> <div>08/01/2015</div> <div>DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.</div> <div>15/01/2015</div> <div>DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.</div> <div>22/01/2015</div> <div>DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.</div> <div>29/01/2015</div> <div>DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.</div> <div>05/02/2015</div> <div>DH advised this is WIP. Items had been removed, room photographed and sent to Toshiba. Toshiba have asked to get the holes filled in and it was not expected that the hole or the light would need to be filled in as the light would need to be reinstalled. GW advised this is an equipment list item.</div>					
3225	PMI 319 -	Neurosurgery Entrance - Amendments to room layouts	<div>18/12/2014</div> <div>Following a review of the room layouts the Board request the amendments as detailed in the attached document.</div> <table><tr><td>Status B Drwgs</td><td></td></tr><tr><td>023 / 02</td><td>Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox</td></tr></table>	Status B Drwgs		023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox	
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023 / 02	Omit Magnet Whiteboard Omit units SMC001 and allow provision for Mailbox							



				<div> <div>All as per email of 6<sup>th</sup> November 2014</div> <div>011 / 02</div> <div>Show provision of underdesk storage / pedestal units – Grp 3 Equipment. (3No.)</div> <div>012 / 02</div> <div>Add dispenser for disposable urinals All as per email of 6<sup>th</sup> November 2014</div> <div>017 / 02</div> <div>Omit lockers; LOC014 3No and make allowance for Filling Cabinets Group 3 Equipment.</div> <div>001 / 02</div> <div>Relocate Fire Alarm Panel with reception area to space adjacent to main entrance door. All as per email of 21<sup>st</sup> November 2014</div> <div></div> <div>Status C Drawings</div> <div>021 / 02</div> <div>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size.</div> <div>022 / 02</div> <div>Resubmit drawing to reflect reconfiguration of room as a result of NS-ENT1-007 increasing in size. Provide workspace / laydown space</div> <div>020 / 02</div> <div>Form storage area off corridor within room Rm of NS-ENT1-001 to accommodate mobile x-ray unit within space provide dual socket, dual data outlets and hooks for storage of Pb Aprons. Review area where x-ray machines are located for clash of equipment swing arms. Omit the shielding screens and reuse existing screens from current dental x-ray room. Reconfigure operators area (2No seated spaces) to allow straight reviewing through screen. Omit 50% of storage cupboards.</div> </div>	
			08/01/2015 15/01/2015 22/01/2015 29/01/2015 05/02/2015	DP advised that the queries are being worked through DMF advised that the costs would be provided to the NHS asap. AF advised that BMCL have the costs and would provide these to the NHS asap. GW advised that costs would be provided later that day. PM advised that a cost had been provided. DL advised that the cost would be internally discussed in the first instance.	
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015  15/01/2015 22/01/2015  29/01/2015 05/02/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres. DP advised that James is working on providing the costs to the NHS AF advised that he had spoken to EMCL re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties. GW advised that the cost had been uploaded to Sypro on 28/01 DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status.	
3252	PMI 322 -	LTHW system	07/01/2015	The Board confirm that, due to the results of chemical analysis on the closed LTHW systems within the laboratories, Brookfield Multiplex should proceed with the flushing and treatment prior to opening up the Primary LTHW feed from the Energy Centre. Brookfield Multiplex to provide copies of test results at building handover and following top-	Cross ref CE 072

			08/01/2015 15/01/2015 22/01/2015 29/01/2015 05/02/2015	<p>up of inhibitor in July 2013.</p> <p>DP advised that he had received an early indication that the PMI was due to be issued so plans are in place to progress this matter.</p> <p>DP advised that this work is ongoing. DH enquired if BMCL were co-ordinating with IP re access to the labs &amp; valves and DP confirmed that BMCL are liaising with IP.</p> <p>DP suggested that there would be another couple of weekend working as progress hadn't been as desired.</p> <p>GW advised that the cost had been uploaded to Sypro on 28/01</p> <p>DP advised that works are being progressed over the weekends. GW noted that the costs haven't been accepted by the NHS as yet. DL advised that would not be a problem. PM agreed to provide a CE.</p>	
3268	PMI 324	Reconfiguration of software on Static Systems Nurse Call	12/01/2015 15/01/2015 22/01/2015 29/01/2015 05/02/2015	<p>The Board request a quotation for the reconfiguration of software on Static Systems nurse call system to ensure that the room number is on line 1 (top) of pop-up.</p> <p>An indication of cost implications for having bespoke software on future upgrades/patches should also be provided</p> <p>DMF advised that the cost was due to be provided by Mercury later that day.</p> <p>DMF advised that BMCL have a price however had not uploaded any quote to Sypro at this time due to checking if there is any cost re maintenance. The cost for the reconfiguration would be provided asap.</p> <p>GW advised that the cost had been uploaded to Sypro on 28/01. DH advised that he was awaiting the 2<sup>nd</sup> part of the cost re maintenance.</p> <p>AF suggested that the NHS were to consider whether this goes ahead due to the cost if any changes in the future. DH advised that it is only a 1 off cost until do software upgrades. AF advised that he would advise the NHS not to progress this as the NHS would be left with a non-standard system at a cost of [REDACTED] to carry out the changes and then circa [REDACTED] for license changes. DL agreed to liaise with FM.</p>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015 15/01/2015 22/01/2015 29/01/2015 05/02/2015	<p>Grocery Storage Unit</p> <p>Please provide quotation for the installation of the following:</p> <ol style="list-style-type: none"> <li>1. 63amp three phase electrical supply</li> <li>2. a ventilation stub</li> <li>3. a sprinkler supply</li> </ol> <p>As per locations indicated on attached plan.</p> <p>It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.</p> <p>DMF advised this matter is going through the process.</p> <p>GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.</p> <p>PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.</p>	

3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above	
3303	PMI 327 -	Omission of padded wall covering	23/01/2015  29/01/2015  05/02/2015	The Board request that, as agreed, the padded wall covering to the following rooms is omitted and that the associated cost saving is provided: DCFP - 050 GW3 – 049 GW advised that this would leave BMCL with DCFP 051 which is situated next to DCFP 050 therefore it made more sense for the NHS to do this room as well. GW advised that he is awaiting confirmation from MMacleod regarding this. GW suggested that the NHS contractor should provide a quote for the room. AF advised that BMCL will liaise with Rhino re getting a survey done way forward and will confirm outcome once available. It was agreed this item could be closed. PMI accepted.	
3304	PMI 328 -	Additional/Altered Power and Data	23/01/2015  29/01/2015 05/02/2015	The Board request a quotation for additional/altered power & data in a variety of locations as noted in the attached spreadsheet (Requirements v4) GW advised this is WIP GW advised this is being worked on and should be provided to the NHS on 06/02/2015. AF suggested that there should be a meeting to prioritise the items and order of works.	
3313	PMI 329	ROOM ACCESS SWIPE CARD SOFTWARE	27/01/2015  05/02/2015	Provide additional software license. Please purchase and pass to Facilities Management an additional software license for the swipe card access software. Cost info to be provided to NHS.	
3321	PMI 330 -	Anaesthetic Pendant RNM-037	28/01/2015  05/02/2015	The Board request a quotation to reposition the anaesthetic pendant within RNM-037 (Shared Image room) as per the attached GA & RCP extracts to eliminate a clash between a monitor arm and the pendant. The cost should include for the re-commissioning activities albeit that QC tests have not been carried out in this area. GW advised this is WIP.	
3330	PMI 331 -	ARRIVAL SQUARE - 4 No. BUS STANCES	30/01/2015	Provision of as fitted information.  Please provide a drawing (or link to existing drawing) that shows the position of the following in relation to the saw tooth road kerb for each of the 4 stances; a) Foundation for bus shelter - dimensions and depth. b) Position and layout of underground purple flexible ducts, including all links. c) Inspection chambers. d) Details of RS sockets and foundation as installed for RTP1 poles e) Confirmation if power cables have been installed.	

			05/02/2015	This information is required by 13 February 2015. PM acknowledged receiving info from J.Bailey. Agreed this item could be closed.	
3331	PMI 332	IT Hub Room Cabinets	30/01/2015	Please make amendments to hub room cabinets as described below.  The Board confirm the requirement to remove 1 No. vertical cable management tray from those IT cabinets in hub rooms containing single or double chassis where the vertical cabling restricts through access horizontally for future/imminent cabling. (As discussed D. Wilson / D.Hall). 05/02/2015 DH advised this is WIP and the principle of the cost had been established. Work in ongoing.	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. 05/02/2015 GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
3333	PMI 334 -	External Works - Bus Stop Central Park East	30/01/2015	Transfer of Bus Stop from Stage 3 to Stage 3A  Due to the revise layout of Car Park 3, the slip and exit junctions are likely to change. This will impact on the current location and will require to move. The final position will be confirmed post receipt of planning consent for CP3, expected sometime in March 2015. Hold all works in this area.	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	09/02/2015	Relocate lighting column to avoid bus stop.  The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.	
3357	PMI 336	Supply and Install of Schneider Control boxes	09/02/2015	The Board request a cost for the supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF - 024	
3358	PMI 337 -	Pull down beds in NCH	09/02/2015	The Board request a quotation for enabling works to facilitate the installation of pull down beds throughout ward areas in the NCH. The work scope, as set out in the attached table, varies by location and involves three items: * Removal of wall mounted parent light, including isolating wiring and making good the wall (98no) * Relocation of switched fuse spur for hoist (14 no)	

				* Installation of pattressing to support fold-down beds in locations previously not strengthened. This can be surface fixed as the bed has a back panel which will conceal the pattress (14 no)	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A. Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building.	
3361	PMI 339 -	Energy Centre - Test sockets	10/02/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase.	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015	<p>The Board request a quotation to undertake the following works:</p> <p><b>HOW-002: Interview/Sitting Room</b></p> <p>Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).</p> <p><b>HOW-028: Charge Nurse Office</b></p> <p>Hot and cold water supplies (or cold only) to proposed sink.</p> <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> <p>Fit-out will be undertaken by others including electrical and mechanical installation but final connections/commissioning will be subject to BMCE checks/approval.</p> <p>Please provide a programme for the works.</p>	
3364	PMI 341 -	Blood fridges	11/02/2015	<p>The Board request a quotation for the following works to the blood fridges (they require a shelf and a digit lock as follows):</p> <ul style="list-style-type: none"> <li>• Critical Care blood fridge – CCW 132 – cost of installation of a digi lock on door to secure room.</li> <li>• Level 11 store- WS11-032- cost of putting in a shelf 300 by 900 next to the blood fridge REF1011.</li> </ul>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14266	CE 073 -	Equipment List - Groups 1 & 2	09/02/2015	The Board confirm their updated requirements in connection with Group 1 & 2 as per the attached list. The list has been generated from the drawings and Room Data Sheets. Agreed manual adjustments are noted and these are to be captured in the updated Drawings and Room Data Sheets as the 'as built' are issued. No cost update required at this stage.	11/02/2015

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) **GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) **AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015)**
- Blood fridges –walkround with the blood fridge specialist who had mentioned that the ventilation is not appropriate and suggesting the will need to change vent in a couple of areas. This matter will be raised if it becomes an issue. (11/12/2014) DP noted that there are 2 rooms that may need alterations carried out and BMCL were in dialogue with WWhittle regarding this matter. DH advised that a response is required asap as is an understanding of timescales for the works and what the works will be. (08/01/2015) DP advised that Mercury are progressing this matter however confirmation of timescales was required. DH agreed to provide the timescale information. (15/01/2015). DH advised that the blood fridges were due to be delivered 23<sup>rd</sup> Feb and he needed to know if the vent matter would be concluded before this time. DH also needed some switch spurs changed to non –spurs (22/01/2015) DH advised that the vent and power needed to be completed by 16<sup>th</sup> Feb 2015. (29/01/2015) **DH advised that this matter would be discussed at the same meeting as the additional data & power. DP advised that the materials are on site (05/02/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) **AF noted that the doors are expected by end Feb 2015. (05/02/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) **DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015)**

- Fire door hold opens – DH advised this is a change request from the imaging dept. DH advised that he would progress the request through the Change Control Process. DS enquired if this change should go to Building Control. DH provided an overview of the changes noting that he did not consider that the change needed to go to Building Control. A PMI would be provided to BMCL in due course (29/01/2015) DH advised that he will formalize the change control. Cost is circa [REDACTED]. A MacLennan supports the change. DL agreed to liaise with A MacLennan. (05/02/2015)
- Telephone lines – GW advised that the cost is extra over but he understood that DH has a query that is more than just extra over. DH advised that a discussion needs to be had re no of telephone lines as there is a difference of opinion. DH would meet with DW and J Bailey. DH noted that the lines for the Teaching & Learning will be needed soon. (29/01/2015) DH to meet with JB and DW (05/02/2015)
- DCFP – AF advised that he had discussed with M Macleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door & half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015)
- Minor Leaks on site – AF advised that BMCL are not concerned but want to mitigate the risk of leaks happening again on site so will change the 6000/7000 hoses over. This will be done as part of the IDM clear off works. (05/02/2015)
- Gas Meter Reading – meeting to be scheduled for w/c 09/02/2015 – ASm, GW and PM. GW requested that the NHS asks JKennan to stop sending reminders for a bill he hasn't received. (05/02/2015)
- Renal Water – DH noted that the programme had been received the previous week and shared with FW. There will be a need to keep on top of the programme/works. Some advice had been received from HFS which needed to be worked through. (05/02/2015)
- Car Park – BCM will be opening up level 4 for the NHS orientations, etc. BMCL will put up more signage. (05/02/2015)
- Big bike shelter – AF noted that BMCL suggested that there should be a larger gap between bottom of shelter and ground however Ginkgo advised that the gap needs to be 20mm / as per signed off drawing. BMCL suggest that having the smaller gap will mean that rubbish is collected in the shelter and a larger gap should be used. PM agreed to confirm the way forward. (05/02/2015)
- Adult Theatre – scrub rooms – AF requested that the Board confirm that they are happy with the shelves and BMCL think they may be too wide (05/02/2015)
- Pen holders – Noted that BMCL should remove these as they do not work (05/02/2015)
- Group 5 areas – AF suggested that there should be a meeting to discuss the handover of the group 5 rooms/areas.
- Principal contractor role – AF advised that BMCL needed an understanding of when works are taking place – concern at some of the works which have been observed. BMCL would be keen to get a programme of works. (05/02/2015)
- Access to building – AF suggested that spot checks should be carried out to check that people have been inducted. AF suggested that a card could be worn to signify this so that access can be controlled as the hospitals are open to people just going in. BMCL proposed to increase security and put a gate back onto the road from Hardgate Road. It was proposed that BMCL should meet with KC and IP (05/02/2015) There was a query raised regarding the use of pallets/palletised trucks in the building and AF advised that there was no concern must pallets must be removed from the building asap and not allowed to build up. If pallets are being stored then these need to be kept tidy in a locked room. AF suggested that BMCL insurers should be asked to visit (05/02/2015)




- Machaire – DH advised that LMorrison had asked for the IQ and AQ. DP advised that he thought that everyone was working to 11/02/2015. (05/02/2015)
- Phase 3A – PM advised that there had been a good meeting with the Planners on 04/02/2015 and that they now expect to receive a full application for the Car Park.
- Patient/Public movements – AF requested that the NHS provide an indication of when patient/public movements will commence in the new hospitals so that they can understand this in relation to the asbestos removal works to be undertaken. (05/02/2015)
- Additional demolitions – GW requested a CE for the additional demolition. (05/02/2015)
- Clock tower – PM advised that he would organize a visit to the clock tower for AF in the next couple of weeks (05/02/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 04/03/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p>	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation.</p> <p>We are still awaiting official notification but we are putting together contingency plans never the less. This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex.</p> <p>DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be</p>	

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				identified. BMCL were mitigating risks in order to keep the programme on track.	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	26/02/2015	The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours. Please confirm how you wish us to proceed.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 25/02/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24156	NHS EW 055	AAW Rooms 126 & 127 Flood	11/02/2015 12/02/2015  19/02/2015  26/02/2015	<p>Please provide report and plan to re-instate rooms affected by flood. Please also provide plan to rectify this defect. Also refer attached documents.</p> <p>DP advised that he had a meeting with EMcl the previous day. This matter is a no1 priority for Mercury now. There hadn't been any instances prior to handover. Mercury subsequently identified that there could be an issue if the push fit is not straight so Mercury will expedite the works to replace the 6000/7000 hoses and this would no longer be carried out as part of the IDMS clear off works Mercury have been asked to provide a marked-up drawing of works already undertaken and to provide a programme of works. BMCL will provide a written report on the matter. GW advised that he had asked Andy to notify their insurers. Approximately 4,500 of 6,500 hoses replaced, pressure in system has also been reduced, to lower risk of future burst until replacement works complete. Brookfield's damage report awaited. Capita to inspect partitions and finishes affected.</p> <p>DP advised that there has been circa 4500 hoses replaced to date. Delivery of remaining hoses was awaited however once received the replacement works would be continued. DP noted that the pressure is put back up in zones once the hoses in that zone have been replaced. PM enquired if a report on the damage had been prepared and FS advised that they have a note of the damaged floor covering circa 1000m<sup>2</sup> and ACFlooring are to confirm when they will get on site. FS had spoken to KC. The remedial works programme would be discussed with KC, PM and DL once available. DL advised that the colouring needed to be matched in. FS advised that there is still one partition to be opened up (area at courtyard 7).</p>	
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015  26/02/2015	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/03/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p>	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
			15/01/2015		

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			<p>22/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>29/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>05/02/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>12/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>19/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>26/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	<p>10/11/2014 The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</li> </ol> <p>13/11/2014 DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p> <p>20/11/2014 AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015. DH advised</p>	

			27/11/2014	that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday. DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	
			04/12/2014	DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.	
			11/12/2014	DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.	
			08/01/2015	DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.	
			15/01/2015	DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephen.	
			22/01/2015	DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.	
			29/01/2015	DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.	
			05/02/2015	DH advised this is WIP. Items had been removed, room photographed and sent to Toshiba. Toshiba have asked to get the holes filled in and it was not expected that the hole or the light would need to be filled in as the light would need to be reinstalled. GW advised this is an equipment list item.	
			12/02/2015	DH advised that there had been a concern raised that in the drilling of the holes that the machine could be damaged and that the hole drilling was to be put back 3 weeks. AStephen had been trying to get Hole Master who were on site to carry out the works while they were on site. DH enquired if Starkstrom were lined up to come in with the extended arms. The acceptance testing is due in March 2015. AF advised that BMCL will review the works and check that the process for drilling the hole is appropriate i.e. they could use “vacuum mounted” drilling to minimize the dust. DH advised that it is only 4 holes for a bracket and there was no reason to delay the works as the machine is not being moved so holes just needs to be done. DP advised that BMCL would need to carry out a final pressure test as everything was online.	
			19/02/2015	Starkstrom extended arms due on site w/c 23 February, reinstall of light to be programmed around Toshiba works.	
			26/02/2015	DP confirmed that the pendant arms are on site and that he would confirm the fitting date asap.	
3251	PMI 321	NCH Theatres 109 & 114	07/01/2015	The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 & 114. The cabling should match that previously installed to all other theatres.	
			15/01/2015	DP advised that James is working on providing the costs to the NHS	
			22/01/2015	AF advised that he had spoken to EMcl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the	

			29/01/2015 05/02/2015 19/02/2015 26/02/2015	alternate solution and impact on warranties. GW advised that the cost had been uploaded to Sypro on 28/01 DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status. <b>PM advised that the Project Team were still waiting on the Board to confirm the way forward. DL advised that there is a meeting with the Users planned in March 2015.</b>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015  15/01/2015  22/01/2015 29/01/2015  05/02/2015  12/02/2015  19/02/2015 26/02/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening. DMF advised this matter is going through the process. GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response. PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees. GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED] PMI 342 issued to take design forward for costing. <b>GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12<sup>th</sup> March 2015.</b>	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015 19/02/2015 26/02/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. <b>As above</b>	
3321	PMI 330 -	Anaesthetic Pendant RNM-037	28/01/2015  05/02/2015 12/02/2015	The Board request a quotation to reposition the anaesthetic pendant within RNM-037 (Shared Image room) as per the attached GA & RCP extracts to eliminate a clash between a monitor arm and the pendant. The cost should include for the re-commissioning activities albeit that QC tests have not been carried out in this area. GW advised this is WIP. GW advised that Andy has the Starkstrom cost however is waiting on other associated costs. DH	Cross reference PMI 351





3357	PMI 336	Supply and Install of Schneider Control boxes	09/02/2015  12/02/2015 19/02/2015 26/02/2015	The Board request a cost for the supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF – 024 GW advised that costs are awaited from Schneider via Mercury. DH advised that this is an MRI related matter and that the magnets are getting ramped up 20/02/2015. Cost awaited, now extremely urgent. GW advised that the cost had been uploaded to Sypro on 24/02/2015. PM agreed to liaise with DH urgently.	
3358	PMI 337 -	Pull down beds in NCH	09/02/2015  12/02/2015 19/02/2015 26/02/2015	The Board request a quotation for enabling works to facilitate the installation of pull down beds throughout ward areas in the NCH. The work scope, as set out in the attached table, varies by location and involves three items: * Removal of wall mounted parent light, including isolating wiring and making good the wall (98no) * Relocation of switched fuse spur for hoist (14 no) * Installation of pattressing to support fold-down beds in locations previously not strengthened. This can be surface fixed as the bed has a back panel which will conceal the pattress (14 no) GW advised that this item is being priced up. Pricing ongoing. GW advised that he would formalise the costs later that day	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015 26/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building. GW advised this is WIP to obtain costs. Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution. GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL requested that the programme be discussed with KC.	
3361	PMI 339 -	Energy Centre - Test sockets	10/02/2015  12/02/2015 19/02/2015 26/02/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. DP advised this is WIP and acknowledged that there is a need to close out the PPC permit. Information has been issued to Mercury and flue manufacturer, now urgent. (19/02/2015). GW advised that he would formalise the costs later that day	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015	The Board request a quotation to undertake the following works:  <b>HOW-002: Interview/Sitting Room</b>  Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).	

				<p><b>HOW-028: Charge Nurse Office</b></p> <p>Hot and cold water supplies (or cold only) to proposed sink.</p> <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> <p>Fit-out will be undertaken by others including electrical and mechanical installation but final connections/commissioning will be subject to BMCE checks/approval.</p> <p>Please provide a programme for the works. GW advised costs will be provided asap. Cost still being prepared by BM, expected 24/02/2015. <b>GW advised that the cost had been uploaded to Sypro on 24/02/2015. Board to confirm the way forward.</b></p>	
3364	PMI 341 –	Blood fridges	<p>11/02/2015</p> <p>12/02/2015 19/02/2015 26/02/2015</p>	<p>The Board request a quotation for the following works to the blood fridges (they require a shelf and a digit lock as follows):</p> <ul style="list-style-type: none"> <li>• Critical Care blood fridge – CCW 132 – cost of installation of a digi lock on door to secure room.</li> <li>• Level 11 store- WS11-032- cost of putting in a shelf 300 by 900 next to the blood fridge REF1011.</li> </ul> <p>GW advised costs will be provided asap. <b>GW advised that the costs had been uploaded to Sypro. BMCL have proceeded with the works. BMCL are awaiting the CE for the works.</b></p>	Cross ref with PMI 350
3370	PMI 342	Wallace Whittle Design Fees for PMI 325, 326 & 338	<p>12/02/2015</p> <p>19/02/2015 26/02/2015</p>	<p>Please proceed with detailed design and confirm all costs for PMI 325, 326 &amp; 338. The vdesign fees including BMCE OH+P are [REDACTED] (325/326) and [REDACTED] (338). Work in progress. <b>CE to be provided to BMCL</b></p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 19/02.2015</p> <p>26/02/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward. <b>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</b></p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015</p> <p>19/02/2015</p>	<p>Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015. <b>Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</b></p>	

			26/02/2015	It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31 <sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31 <sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31 <sup>st</sup> March deadline will be achieved.	
3391	PMI 345	4 @ MRI Control Rooms IPS Outlets	17/02/2015  26/02/2015	The Board request a cost for the provision o 2@twin IPS rated OUT010 outlets in each of the 4 rooms, and 1@ IPS rated OUT010 in corridor adjacent to the Wave Guide. GW advised that costs are awaited from Mercury.	
3392	PMI 346	Starkstrom Pendants – accessories and DVI sockets	17/02/2015  19/02/2105  26/02/2015	The Board require the immediate installation of all pendant accessories and completion of wiring to DVI sockets for all Starkstrom pendants. Delivery commences 20/02/2015 and next week, all works should be complete by early March 2015. DP advised that the delivery had been received and work ongoing and fitting out the pendant has been started. It was noted that JMc has advised that some of the users what the pendants kitted out differently. DP suggested that there should be a joint meeting with Strakstrom. PM advised that instructions should only be provided to BMCL from PM /DH. DP advised that BMCL were trying to accommodate the change to save on double working. PM agreed to liaise with JMcG in the first instance.	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	19/02/2015  26/02/2015	The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010. DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015    26/02/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015. GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.	

3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015  26/02/2015	<p>Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.</p> <p>GW noted that costs are ongoing.</p>	
3407	PMI 350	BLOOD FRIDGES	19/02/2015 26/02/2015	<p>Please proceed with works as set out in PMI 341.</p> <p>CE to be issued.</p>	
3408	PMI 351	NUCLEAR MEDICINE DEPARTMENT - ROOM RNM 037	19/02/2015 26/02/2015	<p>Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330.</p> <p>Costs uploaded to PMI 330 – CE to be issued.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14529	CE 077	ANAESTHETIC PENDANT RNW-037	04/03/2015	Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330 & 351.	
14531	CE 078	Blood Fridges	04/03/2015	Installation of digiloks and shelves as set out in PMI 341 / 350.	

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). **DP advised that IP has gone through and stripped more items out. IP is revising the activities and feedback is awaited. Looking at programme commencing March so can spread the 6 monthly activities. (26/02/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). **Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). FS advised that works are currently on programme for 9<sup>th</sup> March 2015 start. (26/02/2015).**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). **FS advised that doors had been fitted. There are a couple of other items to be concluded before ABrennan is requested to visit (26/02/2015) DP noted that AB has asked for a preliminary visit. (26/02/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). **DP advised that he thought that everything had gone satisfactorily – DP would review and confirm if item can be closed. (26/02/2015).**



- Fire door hold opens – DH advised this is a change request from the imaging dept. DH advised that he would progress the request through the Change Control Process. DS enquired if this change should go to Building Control. DH provided an overview of the changes noting that he did not consider that the change needed to go to Building Control. A PMI would be provided to BMCL in due course (29/01/2015) DH advised that he will formalize the change control. Cost is circa [REDACTED]. A MacLennan supports the change. DL agreed to liaise with A MacLennan. (19/02/2015). **DL advised that this item would be dealt with later this week (26/02/2015)**
- DCFP – AF advised that he had discussed with M Macleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door & half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). **It was noted that there is a meeting scheduled to take place on 27<sup>th</sup> Feb 2015. (26/02/2015)**
- Gas Meter Reading – meeting to be scheduled for w/c 09/02/2015 – ASm, GW and PM. GW requested that the NHS asks JKennan to stop sending reminders for a bill he hasn't received. (05/02/2015) Meeting took place 17/02/2015 PM GW and AS, solution thought to be achieved but further meeting required post receipt of additional information from gas provider. (19/02/2015). **PM suggested that a further meeting should be scheduled in order to conclude the discussions. It was understood that SG have issued a higher correction factor. GW, DP, PM and AS to meet. (26/02/2015)**
- Renal Water – DH noted that the programme had been received the previous week and shared with FW. There will be a need to keep on top of the programme/works. Some advice had been received from HFS which needed to be worked through. (05/02/2015). Programme agreed, samples to be taken 24/02/2015, 4 week proving period to follow receipt of tests results. (19/02/2015). **DP advised that this matter is progressing in the correct direction. PM advised that it was thought that Microbiology want to see sample test results and DH agreed to organize this. (26/02/2015)**
- Patient/Public movements – AF requested that the NHS provide an indication of when patient/public movements will commence in the new hospitals so that they can understand this in relation to the asbestos removal works to be undertaken. (05/02/2015) PM to issue Stage 3 migration programme to BMCE. (19/02/2015). **PM advised that programmes for stages 2 and 3 had been issued via Aconex to BMCL (26/02/2015)**
- Additional demolitions – GW requested a CE for the additional demolition. (05/02/2015). Ongoing. (19/02/2015). **PM advised that he had issued the design cost for the car park. GW advised that he is looking for a CE for the demolitions. This is needed by BMCL in order that he can issue demolition contract. PM and DL to discuss. (26/02/2015)**
- Clock tower – PM advised that he would organize a visit to the clock tower for AF in the next couple of weeks (05/02/2015) Ongoing (19/02/2015). **It was noted that ASmith has gone across and done survey of who is in the building. There is an FM element still in the building and this will be discussed with DL – it was suggested that the FM staff may be able to remain in the building. Medical devices will be moving out. FW requested a walkround so that the infrastructure requirements. PM suggested that the areas should only be painted. (26/02/2015)**
- Helipad – BM to complete the installation of the bird deterrent sounder as supplied by the Board, and also complete the cleaning of the helipad structure. (19/02/2015). **DP advised that BMCL had cleaned up the debris and walkway. Rentokill were onsite the previous day to identify a bird deterrent solution. (26/02/2015)**
- Fire extinguishers – Board to confirm date for removal of Brookfield fire extinguishers. (19/02/2015). **FS advised that it is understood that KC is awaiting confirmation of her delivery (26/02/2015)**
- Ultimate Internal Clean – further discussion required on timing and scope. (19/02/2015). **DL advised that there is still areas in public spaces which may not have been fully cleaned. FS advised that BMCL Had offered KC a reclean of the atrium. FS had met with KC and IP to discuss where BMCL have cleaned. DL noted that it was understood that BMCL would deal with the grey dust and NHS will deal with the white dust. (26/02/2015)**



- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue to the columns to BAM and that he would provide a PMI to advise. (26/02/2015)
- Fire Alarm (BMCE/BAM) interface – DH to speak to Graham Forsyth re interface of Main Build / T&LC / Office systems. (19/02/2015). PM advised that he would discuss this with GForsyth. (26/02/2015)
- Nurse Call – Board to confirm if there is a need to change the ward names on the system. (19/02/2015). DP advised that there is potentially implications as Fire Alarms named in line with the Nurse Call. IP has advised that this needs to be resolved. DP noted that the software programming would have commenced 3 years past for the Fire Alarm so accept that this may not be in line with the final configuration . (26/02/2015)
- Schiehallion – padded floor colour To be raised by BMCE. GW advised that FW has advised that the colour of the flooring is wrong however the colour is as the signed off finishes schedule. DH advised that his understanding is that the flooring is to be thicker. GW noted that it is a padded floor. DH suggested that there is a drawing which is bubbled advising that this is subject to agreement of a sample. (12/02/2015) Board to confirm colours and extent. (MMcL/FW). (19/02/2015). DP advised that the specialist had confirmed that can fit to the floor directly which would make thicker. NHS to confirm if ok and confirm colour. Also, the ceiling is white – please confirm way forward. (26/02/2015)
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 11/03/2015:




Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p>	
24309	BMCE-EWN-000151	Mach Aire Limted Liquidation	24/02/2015	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation.</p> <p>We are still awaiting official notification but we are putting together contingency plans never the less.</p> <p>This plan will be communicated to the board in due course.</p>	

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			26/02/2015  05/03/2015	<p>The board are to wait on further information and contingency planning from Brookfield Multiplex. DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with Validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the Validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p>	
2434 6	BMCE-EWN-000152	Hai Scribe INS Partition Works	26/02/2015  05/03/2015	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours. Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/03/2015


							
SypriD	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
24156	NHS EW 055	AAW Rooms 126 & 127 Flood	11/02/2015  12/02/2015   19/02/2015  26/02/2015	<p>Please provide report and plan to re-instate rooms affected by flood. Please also provide plan to rectify this defect. Also refer attached documents.</p> <p>DP advised that he had a meeting with EMcl the previous day. This matter is a no1 priority for Mercury now. There hadn't been any instances prior to handover. Mercury subsequently identified that there could be an issue if the push fit is not straight so Mercury will expedite the works to replace the 6000/7000 hoses and this would no longer be carried out as part of the IDMS clear off works Mercury have been asked to provide a marked-up drawing of works already undertaken and to provide a programme of works. BMCL will provide a written report on the matter. GW advised that he had asked Andy to notify their insurers.</p> <p>Approximately 4,500 of 6,500 hoses replaced, pressure in system has also been reduced, to lower risk of future burst until replacement works complete. Brookfield's damage report awaited. Capita to inspect partitions and finishes affected.</p> <p>DP advised that there has been circa 4500 hoses replaced to date. Delivery of remaining hoses was awaited however once received the replacement works would be continued. DP noted that the pressure is put back up in zones once the hoses in that zone have been replaced. PM enquired if a report on the damage had been prepared and FS advised that they have a note of the damaged floor covering circa 1000m<sup>2</sup> and ACFlooring are to confirm when they will get on site. FS had spoken to KC. The remedial works programme would be discussed with KC, PM and DL once available. DL advised that the colouring needed to be matched in. FS advised that there is still one partition to be opened up (area at courtyard 7).</p>			

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			05/03/2015	DP advised that the hose replacement works are 50% complete (levels 1 to 7 completed, 8 to 11 underway and nearing completion. BMCL were awaiting the delivery of hoses to site in order to complete the works. Once all the hoses in a zone had been completed the pressure had been put on and there had been no issues identified.	
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015  26/02/2015  05/03/2015	The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.  FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .  PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 04/03/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDerment to agree extend of works. All as discussed Paul McGuinness / Hugh McDerment.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and agree extend of works.</p>	

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			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed	
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.	
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.	
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.	
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.	
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project	

			26/02/2015  05/03/2015	<p>commences 23 February 2015.</p> <p>DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p>	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	<p>10/11/2014</p> <p>13/11/2014</p> <p>20/11/2014</p> <p>27/11/2014</p> <p>04/12/2014</p> <p>11/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p>	<p>The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below:</p> <ol style="list-style-type: none"> <li>1) To carry out a further core in each theatre set-out as per the attached drawings</li> <li>2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor</li> <li>3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table.</li> <li>4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm</li> <li>5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres</li> <li>6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02)</li> <li>7) to alter the av cabling &amp; electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.</li> </ol> <p>DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26<sup>th</sup> January 2015.</p> <p>AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26<sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.</p> <p>DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26<sup>th</sup> January 2015 however the light needs to be moved asap.</p> <p>DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.</p> <p>DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.</p> <p>DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.</p> <p>DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.</p>	

			<p>29/01/2015</p> <p>05/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.</p> <p>DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.</p> <p>DH advised this is WIP. Items had been removed, room photographed and sent to Toshiba. Toshiba have asked to get the holes filled in and it was not expected that the hole or the light would need to be filled in as the light would need to be reinstalled. GW advised this is an equipment list item.</p> <p>DH advised that there had been a concern raised that in the drilling of the holes that the machine could be damaged and that the hole drilling was to be put back 3 weeks. AStephen had been trying to get Hole Master who were on site to carry out the works while they were on site. DH enquired if Starkstrom were lined up to come in with the extended arms. The acceptance testing is due in March 2015. AF advised that BMCL will review the works and check that the process for drilling the hole is appropriate i.e. they could use "vacuum mounted" drilling to minimize the dust. DH advised that it is only 4 holes for a bracket and there was no reason to delay the works as the machine is not being moved so holes just needs to be done. DP advised that BMCL would need to carry out a final pressure test as everything was online.</p> <p>Starkstrom extended arms due on site w/c 23 February, reinstall of light to be programmed around Toshiba works.</p> <p>DP confirmed that the pendant arms are on site and that he would confirm the fitting date asap.</p> <p>DP advised that the arms have been installed however still need to pull cables to the lights. DH enquired if there had been any access issues and DP agreed to check and confirm.</p>	
3251	PMI 321	NCH Theatres 109 & 114	<p>07/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 &amp; 114.</p> <p>The cabling should match that previously installed to all other theatres.</p> <p>DP advised that James is working on providing the costs to the NHS</p> <p>AF advised that he had spoken to EMCl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties.</p> <p>GW advised that the cost had been uploaded to Sypro on 28/01</p> <p>DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status.</p> <p>PM advised that the Project Team were still waiting on the Board to confirm the way forward. DL advised that there is a meeting with the Users planned in March 2015.</p> <p>NHS to confirm way forward. GW advised that cost had been uploaded to Sypro. DP advised that Starkstrom currently have people on site therefore it would be beneficial to instruct this work asap before they finish up on site.</p>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	<p>Grocery Storage Unit</p> <p>Please provide quotation for the installation of the following:</p> <ol style="list-style-type: none"> <li>63amp three phase electrical supply</li> <li>a ventilation stub</li> <li>a sprinkler supply</li> </ol>	



			15/01/2015	As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
			22/01/2015	DMF advised this matter is going through the process.	
			29/01/2015	GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.	
			05/02/2015	PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.	
			12/02/2015	GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12 <sup>th</sup> March 2015.	
			05/03/2015	GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	See above	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	As above	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.	
			05/02/2015	Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
			12/02/2015	PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP	

			<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.</p> <p>PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.</p> <p>PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015</p> <p>PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p>	
3357	PMI 336	Supply and Install of Schneider Control boxes	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>The Board request a cost for the supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations:</p> <p>RAG - 109</p> <p>RAG - 112</p> <p>RCG - 064</p> <p>RCF – 024</p> <p>GW advised that costs are awaited from Schneider via Mercury. DH advised that this is an MRI related matter and that the magnets are getting ramped up 20/02/2015.</p> <p>Cost awaited, now extremely urgent.</p> <p>GW advised that the cost had been uploaded to Sypro on 24/02/2015. PM agreed to liaise with DH urgently.</p> <p>PM advised that he would provide a CE. This item was an equipment list charge.</p>	
3358	PMI 337 -	Pull down beds in NCH	<p>09/02/2015</p>	<p>The Board request a quotation for enabling works to facilitate the installation of pull down beds throughout ward areas in the NCH.</p> <p>The work scope, as set out in the attached table, varies by location and involves three items:</p> <ul style="list-style-type: none"> <li>* Removal of wall mounted parent light, including isolating wiring and making good the wall (98no)</li> <li>* Relocation of switched fuse spur for hoist (14 no)</li> <li>* Installation of pattressing to support fold-down beds in locations previously not strengthened. This</li> </ul>	

			12/02/2015 19/02/2015 26/02/2015 05/03/2015	can be surface fixed as the bed has a back panel which will conceal the mattress (14 no) GW advised that this item is being priced up. Pricing ongoing. GW advised that he would formalise the costs later that day <b>GW advised that the cost had been uploaded on 27/02. DH advised that resource is currently available and he would liaise with MM to progress.</b>	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015 26/02/2015  05/03/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building. GW advised this is WIP to obtain costs. Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution. <b>GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</b> <b>DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS).</b> <b>GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.</b>	
3361	PMI 339 -	Energy Centre - Test sockets	10/02/2015  12/02/2015 19/02/2015 26/02/2015 05/03/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. DP advised this is WIP and acknowledged that there is a need to close out the PPC permit. Information has been issued to Mercury and flue manufacturer, now urgent. (19/02/2015). GW advised that he would formalise the costs later that day <b>DH advised that this matter was due to the PPC change to guidance. PM agreed to provide a CE.</b>	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015	The Board request a quotation to undertake the following works:  <b>HOW-002: Interview/Sitting Room</b>  Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).  <b>HOW-028: Charge Nurse Office</b>  Hot and cold water supplies (or cold only) to proposed sink.  <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> Fit-out will be undertaken by others including electrical and mechanical installation but final	

			<p>connections/commissioning will be subject to BMCE checks/approval.</p> <p>12/02/2015 19/02/2015 26/02/2015</p> <p>05/03/2015</p> <p>Please provide a programme for the works. GW advised costs will be provided asap. Cost still being prepared by BM, expected 24/02/2015. GW advised that the cost had been uploaded to Sypro on 24/02/2015. Board to confirm the way forward. PM agreed to liaise with HG. DP advised that HG had enquired about the timescales and that the info provided was only indicative.</p>	
3364	PMI 341 –	Blood fridges	<p>11/02/2015</p> <p>12/02/2015 26/02/2015</p> <p>05/03/2015</p> <p>The Board request a quotation for the following works to the blood fridges (they require a shelf and a digit lock as follows):</p> <ul style="list-style-type: none"> <li>• Critical Care blood fridge – CCW 132 – cost of installation of a digi lock on door to secure room.</li> <li>• Level 11 store- WS11-032- cost of putting in a shelf 300 by 900 next to the blood fridge REF1011.</li> </ul> <p>GW advised costs will be provided asap. GW advised that the costs had been uploaded to Sypro. BMCL have proceeded with the works. BMCL are awaiting the CE for the works. CE provided therefore item can be closed. Cross ref CE 078</p>	Cross ref with PMI 350
3370	PMI 342	Wallace Whittle Design Fees for PMI 325, 326 & 338	<p>12/02/2015 19/02/2015 26/02/2015</p> <p>05/03/2015</p> <p>Please proceed with detailed design and confirm all costs for PMI 325, 326 &amp; 338. The design fees including BMCE OH+P are [REDACTED] (325/326) and [REDACTED] (338). Work in progress. CE to be provided to BMCL CE provided therefore item can be closed.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 19/02.2015 26/02/2015</p> <p>05/03/2015</p> <p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015 19/02/2015 26/02/2015</p> <p>Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015. Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued. It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for</p>	

			05/03/2015	<p>wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p>	
3391	PMI 345	4 @ MRI Control Rooms IPS Outlets	17/02/2015 26/02/2015 05/03/2015	<p>The Board request a cost for the provision o 2@twin IPS rated OUT010 outlets in each of the 4 rooms, and 1@ IPS rated OUT010 in corridor adjacent to the Wave Guide.</p> <p>GW advised that costs are awaited from Mercury.</p> <p>GW advised that the cost had been uploaded on 02/03/2015. DH noted that this is an MR equipment related CE. DH advised that access to the rooms would need to be organized.</p>	
3392	PMI 346	Starkstrom Pendants – accessories and DVI sockets	17/02/2015 19/02/2105 26/02/2015  05/03/2015	<p>The Board require the immediate installation of all pendant accessories and completion of wiring to DVI sockets for all Starkstrom pendants.</p> <p>Delivery commences 20/02/2015 and next week, all works should be complete by early March 2015.</p> <p>DP advised that the delivery had been received and work ongoing and fitting out the pendant has been started. It was noted that JMc has advised that some of the users what the pendants kitted out differently. DP suggested that there should be a joint meeting with Strakstrom. PM advised that instructions should only be provided to BMCL from PM /DH. DP advised that BMCL were trying to accommodate the change to save on double working. PM agreed to liaise with JMcG in the first instance.</p> <p>PM noted that a meeting had been scheduled to take place on 10/03/2015. JMc would provide the 'wish list' for discussion/agreement. PM would provide a PMI to confirm the way forward.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	19/02/2015 26/02/2015  05/03/2015	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p>	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p>	

			26/02/2015  05/03/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.  PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015       26/02/2015 05/03/2015	Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.  The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works. GW noted that costs are ongoing. GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time . GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though..	
3407	PMI 350	BLOOD FRIDGES	19/02/2015 26/02/2015 05/03/2015	Please proceed with works as set out in PMI 341. CE to be issued. CE issued. Item closed. Cross ref CE 078	
3408	PMI 351	NUCLEAR MEDICINE DEPARTMENT - ROOM RNM 037	19/02/2015 26/02/2015 05/03/2015	Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330. Costs uploaded to PMI 330 – CE to be issued. CE issued. Item closed. Cross ref CE 079	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015   05/03/2015	The Board confirm that the additional electrical works required for the Paragon installation to NCH ED & Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328 DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.  This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.	



			05/03/2015	<p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap.</p>	
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### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14529	CE 077	ANAESTHETIC PENDANT RNW-037	04/03/2015	Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330 & 351.	
14531	CE 078	Blood Fridges	04/03/2015	Installation of digiloks and shelves as set out in PMI 341 / 350.	
14533	CE 079	DESIGN FEES FOR WALLACE WHITTLE	04/03/2015	Confirmation on payment of design fees for works set out in PMI's 325, 326 and 338 and confirmed in PMI 342.	
14546	CE 080	SUPPLY & INSTALL SCHNEIDER CONTROL BOXES IN 4 MRI ROOMS	05/03/2015	<p>Supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF - 024</p> <p>All as per PMI 336. Funded from Gp 5 equipment budget.</p>	
14547	CE 081	ENERGY CENTRE - TEST SOCKETS	05/03/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. All as per PMI 339.	
14548	CE 082	4 @ MRI CONTROL ROOMS - IPS OUTLETS	05/03/2015	The Board confirm the requirement for and installation of 2 @ twin IPS rated OUT010 outlets in each MRI Control Room (4 No.) and 1 @ twin IPS rated OUT010 in corridor adjacent to the Wave Guide. Works as priced under PMI345. Funded from Group 5 equipment budget.	

Other items that require discussion:

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- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). **It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). **Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015).**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). **FS advised that he proposed to contact AB imminently (05/03/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). **DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015)**
- Fire door hold opens – DH advised this is a change request from the imaging dept. DH advised that he would progress the request through the Change Control Process. DS enquired if this change should go to Building Control. DH provided an overview of the changes noting that he did not consider that the change needed to go to Building Control. A PMI would be provided to BMCL in due course (29/01/2015) DH advised that he will formalize the change control. Cost is circa [REDACTED]. AMacLennan supports the change. DL agreed to liaise with AMacLennan. (19/02/2015). **DL to confirm way forward (05/03/2015)**
- DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door & half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMcl to action meeting with user group. (19/02/2015). **FS advised that the**

requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted at contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)

- Gas Meter Reading – meeting to be scheduled for w/c 09/02/2015 – ASm, GW and PM. GW requested that the NHS asks JKennan to stop sending reminders for a bill he hasn't received. (05/02/2015) Meeting took place 17/02/2015 PM GW and AS, solution thought to be achieved but further meeting required post receipt of additional information from gas provider. (19/02/2015). PM advised that he understood that JKennan is to provide a bill based on the agreed uplift value, no standing charge and as per agreed readings. GW advised that he needed the new bill to be issued and the old bill to be cancelled. (05/03/2015)
- Renal Water –DH noted that the programme had been received the previous week and shared with FW. There will be a need to keep on top of the programme/works. Some advice had been received from HFS which needed to be worked through. (05/02/2015). Programme agreed, samples to be taken 24/02/2015, 4 week proving period to follow receipt of tests results. (19/02/2015). DH advised that he had received a series of emails the previous evening which were suggesting that the NCH could not be moved into as planned. DH understood that there may be a failure which is getting re-sterilised and retested. (05/03/2015)
- Patient/Public movements – AF requested that the NHS provide an indication of when patient/public movements will commence in the new hospitals so that they can understand this in relation to the asbestos removal works to be undertaken. (05/02/2015) PM to issue Stage 3 migration programme to BMCE. (19/02/2015). It was agreed this item was closed (05/03/2015)
- Additional demolitions – GW requested a CE for the additional demolition. (05/02/2015). Ongoing. (19/02/2015). PM advised that DL has a reluctance to issue the CE. GW advised that BMCL were requesting the 'additional' demolitions so that BMCL and let the demolition contract. GW agreed to check the end date in the tender document (05/03/2015)
- Clock tower – PM advised that he would organize a visit to the clock tower for AF in the next couple of weeks (05/02/2015) Ongoing (19/02/2015). PM advised this is WIP (05/03/2015)
- Helipad – BM to complete the installation of the bird deterrent sounder as supplied by the Board, and also complete the cleaning of the helipad structure. (19/02/2015). DP advised that the sounders were currently being fitted and acknowledged that the helipad would need to be cleaned again (05/03/2015)
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015)
- Fire Alarm (BMCE/BAM) interface – DH to speak to Graham Forsyth re interface of Main Build / T&LC / Office systems. (19/02/2015). PM advised that he would discuss this with GF. (26/02/2015) FS advised that this matter is ongoing. The break in had been undertaken and the Method Statement in. WIP (05/03/2015)
- Nurse Call – Board to confirm if there is a need to change the ward names on the system. (19/02/2015). DP advised that there is potentially implications as Fire Alarms named in line with the Nurse Call. IP had advised that this needs to be resolved. DP noted that the software programming for the fire alarms would have commenced 3years past and it was accepted that the naming may not be in line with the final configuration. (26/02/2015) DP requested a summarization of what the Board wants so cost can be provided. PM to provide PMI (05/03/2015)
- DCFP – padded floor colour To be raised by BMCE. GW advised that FW has advised that the colour of the flooring is wrong however the colour is as the signed off finishes schedule. DH advised that his understanding is that the flooring is to be thicker. GW noted that it is a padded floor. DH suggested that there is a drawing which is bubbled advising that this is subject to agreement of a sample. (12/02/2015) Board to confirm colours and extent. (MMcL/FW). (19/02/2015). DP advised that the specialist had confirmed that can fit to the floor directly which would make thicker. NHS to confirm if ok and confirm colour. Also, the ceiling is white – please confirm way forward. (26/02/2015) PM advised GB was to provide the colour. It was noted that Andy had advised that everything had been ordered. FW advised that the reps had been on site the previous day. (05/03/2015)



- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015)
- Renal water leak – it was noted that there had to be an emergency opening up of walls. Advised that there may be some drips (05/03/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 18/03/2015:


<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p>	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	24/02/2015	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation.</p> <p>We are still awaiting official notification but we are putting together contingency plans never the less.</p>	

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			26/02/2015  05/03/2015  12/03/2015	<p>This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex.</p> <p>DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p><b>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works.</b></p>	
2434 6	BMCE-EWN-000152	Hai Scribe INS Partition Works	26/02/2015  05/03/2015  12/03/2015	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours.</p> <p>Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p><b>PM advised that cost is awaited so CE can be issued.</b></p>	
2448 4	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	<p>BMCE have recieved numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.</p> <p><i>Text from prev Notes:</i></p> <p><i>DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). <b>FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted as contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)</b></i></p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p>	

2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	17/03/2015	Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20th March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23rd April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 18/03/2015

					
SypriD	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24156	NHS EW 055	AAW Rooms 126 & 127 Flood	11/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015	<p>Please provide report and plan to re-instate rooms affected by flood. Please also provide plan to rectify this defect. Also refer attached documents.</p> <p>DP advised that he had a meeting with EMcl the previous day. This matter is a no1 priority for Mercury now. There hadn't been any instances prior to handover. Mercury subsequently identified that there could be an issue if the push fit is not straight so Mercury will expedite the works to replace the 6000/7000 hoses and this would no longer be carried out as part of the IDMS clear off works Mercury have been asked to provide a marked-up drawing of works already undertaken and to provide a programme of works. BMCL will provide a written report on the matter. GW advised that he had asked Andy to notify their insurers. Approximately 4,500 of 6,500 hoses replaced, pressure in system has also been reduced, to lower risk of future burst until replacement works complete. Brookfield's damage report awaited. Capita to inspect partitions and finishes affected.</p> <p>DP advised that there has been circa 4500 hoses replaced to date. Delivery of remaining hoses was awaited however once received the replacement works would be continued. DP noted that the pressure is put back up in zones once the hoses in that zone have been replaced. PM enquired if a report on the damage had been prepared and FS advised that they have a note of the damaged floor covering circa 1000m<sup>2</sup> and ACFlooring are to confirm when they will get on site. FS had spoken to KC. The remedial works programme would be discussed with KC, PM and DL once available. DL advised that the colouring needed to be matched in. FS advised that there is still one partition to be opened up (area at courtyard 7). DP advised that the hose replacement works are 50% complete (levels 1 to 7 completed, 8 to 11 underway and nearing completion. BMCL were awaiting the delivery of hoses to site in order to complete the works. Once all the hoses in a zone had been completed the pressure had been put on and there had been no issues identified.</p> <p>DP advised that the works to replace the hoses were 70% complete. There were some remaining on levels 0, 10 and 11. FS noted that the partition had been opened up and no issues were observed. DH noted that access to the MR rooms would need to be co-ordinated. It was agreed that this item could be closed. BMCL would continue to monitor and advise of any issues should they occur.</p>	
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015	The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.	


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			26/02/2015	FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .	
			05/03/2015	PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .	
			12/03/2015	FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 18/03/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDerment to agree extend of works. All as discussed Paul McGuiness / Hugh McDerment.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p>	

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			<p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p> <p>23/10/2014 PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.</p> <p>30/10/2014 DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.</p> <p>13/11/2014 DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.</p> <p>20/11/2014 DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p>	
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			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.	
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.	
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.	
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.	
			13/11/2014	DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015.	
			20/11/2014	AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.	
			27/11/2014	DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	
			04/12/2014	DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.	
			11/12/2014	DH advised that confirmation re timing was required and getting the floors cored and light moved in	

			<p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p>	<p>1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.</p> <p>DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.</p> <p>DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.</p> <p>DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.</p> <p>DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.</p> <p>DH advised this is WIP. Items had been removed, room photographed and sent to Toshiba. Toshiba have asked to get the holes filled in and it was not expected that the hole or the light would need to be filled in as the light would need to be reinstalled. GW advised this is an equipment list item.</p> <p>DH advised that there had been a concern raised that in the drilling of the holes that the machine could be damaged and that the hole drilling was to be put back 3 weeks. AStephen had been trying to get Hole Master who were on site to carry out the works while they were on site. DH enquired if Starkstrom were lined up to come in with the extended arms. The acceptance testing is due in March 2015. AF advised that BMCL will review the works and check that the process for drilling the hole is appropriate i.e. they could use “vacuum mounted” drilling to minimize the dust. DH advised that it is only 4 holes for a bracket and there was no reason to delay the works as the machine is not being moved so holes just needs to be done. DP advised that BMCL would need to carry out a final pressure test as everything was online.</p> <p>Starkstrom extended arms due on site w/c 23 February, reinstall of light to be programmed around Toshiba works.</p> <p>DP confirmed that the pendant arms are on site and that he would confirm the fitting date asap.</p> <p>DP advised that the arms have been installed however still need to pull cables to the lights. DH enquired if there had been any access issues and DP agreed to check and confirm.</p> <p>DP advised that he understood that the cable pulling works had been completed. DH advised that he had a meeting with the Users shortly and that there would be a discussion re the PACS screens and may request some BMCL assistance. DP noted that Starkstrom are currently on site. AF enquired about the training schedule. DP advised that a rebalance and sweep had been scheduled. IP and DWilson generally link regarding any training. AF requested that the NHS confirm any training requirements.</p>	
3251	PMI 321	NCH Theatres 109 & 114	<p>07/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p>	<p>The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 &amp; 114.</p> <p>The cabling should match that previously installed to all other theatres.</p> <p>DP advised that James is working on providing the costs to the NHS</p> <p>AF advised that he had spoken to EMCl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties.</p>	

			<p>29/01/2015 05/02/2015 19/02/2015 26/02/2015  05/03/2015  12/03/2015</p>	<p>GW advised that the cost had been uploaded to Sypro on 28/01 DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status. PM advised that the Project Team were still waiting on the Board to confirm the way forward. DL advised that there is a meeting with the Users planned in March 2015. NHS to confirm way forward. GW advised that cost had been uploaded to Sypro. DP advised that Starkstrom currently have people on site therefore it would be beneficial to instruct this work asap before they finish up on site. DH advised that the NHS were awaiting formal confirmation that YCF will fund the greater works /OR1 and that the NHS were unlikely to go ahead with this item.</p>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	<p>14/01/2015   15/01/2015  22/01/2015 29/01/2015 05/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015</p>	<p>Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening. DMF advised this matter is going through the process. GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response. PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees. GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED] PMI 342 issued to take design forward for costing. GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12<sup>th</sup> March 2015. GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up. DH noted that the retailer is doing their own warrant applications.</p>	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	<p>14/01/2015  15/01/2015 19/02/2015 26/02/2015</p>	<p>Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. As above</p>	

3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.	
			05/02/2015	GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
			12/02/2015	PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.	
			19/02/2015	PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.	
			26/02/2015	PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015	
			05/03/2015	PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.	
			12/03/2015	PM advised that he had informally heard that the shelters will be available from April.	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	09/02/2015	Relocate lighting column to avoid bus stop.  The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.	
			12/02/2015	PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.	
			19/02/2015	PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.	
			26/02/2015	PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.	
			05/03/2015	PM advised that the pole will need to be moved and requested a copy of the signed off drawing	

			12/03/2015	which GW agreed to provide. PM advised that an amendment would be advised via a separate PMI.	
3357	PMI 336	Supply and Install of Schneider Control boxes	09/02/2015  12/02/2015 19/02/2015 26/02/2015  05/03/2015 12/03/2015	The Board request a cost for the supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF - 024 GW advised that costs are awaited from Schneider via Mercury. DH advised that this is an MRI related matter and that the magnets are getting ramped up 20/02/2015. Cost awaited, now extremely urgent. GW advised that the cost had been uploaded to Sypro on 24/02/2015. PM agreed to liaise with DH urgently. PM advised that he would provide a CE. This item was an equipment list charge. CE 080 issued there item can be closed.	12/03/2015
3358	PMI 337 -	Pull down beds in NCH	09/02/2015  12/02/2015 19/02/2015 26/02/2015 05/03/2015  12/3/2015	The Board request a quotation for enabling works to facilitate the installation of pull down beds throughout ward areas in the NCH. The work scope, as set out in the attached table, varies by location and involves three items: * Removal of wall mounted parent light, including isolating wiring and making good the wall (98no) * Relocation of switched fuse spur for hoist (14 no) * Installation of pattressing to support fold-down beds in locations previously not strengthened. This can be surface fixed as the bed has a back panel which will conceal the pattress (14 no) GW advised that this item is being priced up. Pricing ongoing. GW advised that he would formalise the costs later that day GW advised that the cost had been uploaded on 27/02. DH advised that resource is currently available and he would liaise with MM to progress. DH agreed to progress this item	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015  26/02/2015  05/03/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building. GW advised this is WIP to obtain costs. Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution. GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL requested that the programme be discussed with KC. DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The	

			12/03/2015	design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.	
3361	PMI 339 -	Energy Centre - Test sockets	10/02/2015  12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. DP advised this is WIP and acknowledged that there is a need to close out the PPC permit. Information has been issued to Mercury and flue manufacturer, now urgent. (19/02/2015). GW advised that he would formalise the costs later that day DH advised that this matter was due to the PPC change to guidance. PM agreed to provide a CE. CE 081 issued	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015       12/02/2015 19/02/2015 26/02/2015  05/03/2015  12/03/2015	The Board request a quotation to undertake the following works:  <b>HOW-002: Interview/Sitting Room</b>  Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).  <b>HOW-028: Charge Nurse Office</b>  Hot and cold water supplies (or cold only) to proposed sink.  <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> Fit-out will be undertaken by others including electrical and mechanical installation but final connections/commissioning will be subject to BMCE checks/approval.  Please provide a programme for the works. GW advised costs will be provided asap. Cost still being prepared by BM, expected 24/02/2015. GW advised that the cost had been uploaded to Sypro on 24/02/2015. Board to confirm the way forward. PM agreed to liaise with HG. DP advised that HG had enquired about the timescales and that the info provided was only indicative. DH advised that there had been a meeting on site with CGrindlay and the mechanical aspects had been reviewed. CG suggested that could deal with changes fairly easily. HG is in discussion with the Cancer Trust to get confirmation that they will fund the changes.	



3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015  12/03/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p>	
3390	PMI 344	Additional Power & Data	17/02/2015 19/02/2015 26/02/2015   05/03/2015  12/03/2015	<p>Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015.</p> <p>Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</p> <p>It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p> <p>It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31<sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31<sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.</p>	
3391	PMI 345	4 @ MRI Control Rooms IPS Outlets	17/02/2015 26/02/2015 05/03/2015	<p>The Board request a cost for the provision o 2@twin IPS rated OUT010 outlets in each of the 4 rooms, and 1@ IPS rated OUT010 in corridor adjacent to the Wave Guide.</p> <p>GW advised that costs are awaited from Mercury.</p> <p>GW advised that the cost had been uploaded on 02/03/2015. DH noted that this is an MR</p>	

			12/03/2015	equipment related CE. DH advised that access to the rooms would need to be organized. Item closed – CE 082 issued	
3392	PMI 346	Starkstrom Pendants – accessories and DVI sockets	17/02/2015 19/02/2105 26/02/2015  05/03/2015 12/03/2015	The Board require the immediate installation of all pendant accessories and completion of wiring to DVI sockets for all Starkstrom pendants. Delivery commences 20/02/2015 and next week, all works should be complete by early March 2015. DP advised that the delivery had been received and work ongoing and fitting out the pendant has been started. It was noted that JMc has advised that some of the users what the pendants kitted out differently. DP suggested that there should be a joint meeting with Strakstrom. PM advised that instructions should only be provided to BMCL from PM /DH. DP advised that BMCL were trying to accommodate the change to save on double working. PM agreed to liaise with JMcG in the first instance. PM noted that a meeting had been scheduled to take place on 10/03/2015. JMc would provide the 'wish list' for discussion/agreement. PM would provide a PMI to confirm the way forward. DP advised that BMCL have clarity about what JMcG is asking for but JMcG needs to be asked to place the items so that Mercury can do the wiring. Starkstrom are to confirm some items i.e. hanging of Vacsac	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	19/02/2015 26/02/2015 05/03/2015 12/03/2015	The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010. DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list. GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost. DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015  26/02/2015 05/03/2015  12/03/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015. GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer. PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. . GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised	

				to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015  26/02/2015 05/03/2015  12/03/2015	<p>Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works. GW noted that costs are ongoing. GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time . GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter &amp; Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015  05/03/2015  12/03/2015	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328 DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon. DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb)</p>	

			05/03/2015	<p>plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p><b>GW advised that he would upload the costs asap.</b></p>	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	05/03/2015	Please provide cost to change names on fire alarm and nurse call from those bcurrently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc.	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	10/03/2015	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul>	
3482	PMI 356 -	Omission of padded wall covering	10/03/2015	The Board request that, as agreed, the padded wall covering to the following rooms is omitted and that the associated cost saving is provided: DCFP – 051	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	10/03/2015	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement during heat sanitisation of the main level 4 loop.</p>	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed.	

3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.  Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002)	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.  Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
14529	CE 077	ANAESTHETIC PENDANT RNW-037	04/03/2015	Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330 & 351.	
14531	CE 078	Blood Fridges	04/03/2015	Installation of digiloks and shelves as set out in PMI 341 / 350.	
14533	CE 079	DESIGN FEES FOR WALLACE WHITTLE	04/03/2015	Confirmation on payment of design fees for works set out in PMI's 325, 326 and 338 and confirmed in PMI 342.	
14546	CE 080	SUPPLY & INSTALL SCHNEIDER CONTROL BOXES IN 4 MRI ROOMS	05/03/2015	Supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF - 024  All as per PMI 336. Funded from Gp 5 equipment budget.	
14547	CE 081	ENERGY CENTRE - TEST SOCKETS	05/03/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. All as per PMI 339.	

14548	CE 082	4 @ MRI CONTROL ROOMS - IPS OUTLETS	05/03/2015	The Board confirm the requirement for and installation of 2 @ twin IPS rated OUT010 outlets in each MRI Control Room (4 No.) and 1 @ twin IPS rated OUT010 in corridor adjacent to the Wave Guide. Works as priced under PMI345. Funded from Group 5 equipment budget.	
14652	CE 083	CHILDREN'S HOSPITAL - PULL DOWN BEDS	13/03/2015	Please proceed immediately with works as described in PMI 337.	
14653	CE 084	PHASE 3A DEMOLITION WORKS - ADDITIONAL BUILDINGS	13/03/2015	Please demolish and remove from site the additional buildings as part of your demolition contract; a) out-patients, b) therapies and c) accident and emergency and all associated sundry structures and immediate hard landscaping, all as priced.	

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) **DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). **GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). **FS advised that he proposed to contact AB imminently (05/03/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) **DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015)**




- Renal Water –DH noted that the programme had been received the previous week and shared with FW. There will be a need to keep on top of the programme/works. Some advice had been received from HFS which needed to be worked through. (05/02/2015). Programme agreed, samples to be taken 24/02/2015, 4 week proving period to follow receipt of tests results. (19/02/2015). DH advised that he had received a series of emails the previous evening which were suggesting that the NCH could not be moved into as planned. DH understood that there may be a failure which is getting re-sterilised and retested. (05/03/2015) DP noted that there had been a high count at NCH therefore retest carried out and at Labs. DP noted that 1 outlet had also been changed. DH advised that he understood that the outlet was having remedial works which was concerning and that the NHS needed to understand what works are being done retesting, etc. (12/03/2015)
- Additional demolitions – GW requested a CE for the additional demolition. (05/02/2015). Ongoing. (19/02/2015). PM advised that DL has a reluctance to issue the CE. GW advised that BMCL were requesting the 'additional' demolitions so that BMCL and let the demolition contract. GW agreed to check the end date in the tender document (05/03/2015) PM agreed to provide a CE (12/03/2015)
- Helipad – BM to complete the installation of the bird deterrent sounder as supplied by the Board, and also complete the cleaning of the helipad structure. (19/02/2015). DP advised that the sounders were currently being fitted and acknowledged that the helipad would need to be cleaned again (05/03/2015) DP noted that the sounder install was complete and initial low level clean down undertaken. Abseil clean will be progressed in due course (12/03/2015)
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015)
- DCFP – padded floor colour To be raised by BMCE. GW advised that FW has advised that the colour of the flooring is wrong however the colour is as the signed off finishes schedule. DH advised that his understanding is that the flooring is to be thicker. GW noted that it is a padded floor. DH suggested that there is a drawing which is bubbled advising that this is subject to agreement of a sample. (12/02/2015) Board to confirm colours and extent. (MMcL/FW). (19/02/2015). DP advised that the specialist had confirmed that can fit to the floor directly which would make thicker. NHS to confirm if ok and confirm colour. Also, the ceiling is white – please confirm way forward. (26/02/2015) PM advised GB was to provide the colour. It was noted that Andy had advised that everything had been ordered. FW advised that the reps had been on site the previous day. (05/03/2015) It was agreed that this item was closed (12/03/2015)
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015)
- Warrant applications – AF suggested that a meeting is held with Building Control so can agree how to deal with warrant applications going forward i.e. needed for additional data & power, laundry, retail units, workshop, etc. Pre-meet with BMCL and NHS to be organized so can identify all the potential warrants (12/03/2015)
- Endoscopy washers – DH advised that he had been advised that there are leaks under the machines (RO water). BMCL agreed to investigate. (12/03/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 25/03/2015:


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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p>	

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24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation.</p> <p>We are still awaiting official notification but we are putting together contingency plans never the less.</p> <p>This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex.</p> <p>DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works.</p> <p><b>DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</b></p>	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p>	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours.</p> <p>Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p>PM advised that cost is awaited so CE can be issued.</p> <p><b>GW advised that the costs would be provided later that day.</b></p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	<p>BMCE have recieved numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.</p> <p><i>Text from prev Notes:</i></p> <p><i>DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMcl to action meeting with user group. (19/02/2015). FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted at contracted to do so. DH enquired if there had been a legislation</i></p>	

			19/03/2015	<p>change. PM agreed to raise an EW (05/03/2015)</p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p> <p>GW advised that he had uploaded all the documentation to Sypro. BMCL are awaiting confirmation as to way forward/what works have to be carried out. FS noted that there will be items that will be difficult to obtain by 24<sup>th</sup> April i.e. doors. PM agreed to discuss with DL.</p>	
2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	17/03/2015  19/03/2015	<p>Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20th March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23rd April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021</p> <p>GW advised that BMCL are awaiting confirmation from the NHS re the way forward. AF suggested that BMCL should carry out trial digs so it can be identified if there is anything of consequence.</p>	


The following Early Warnings have been submitted to BMCL and are awaiting close out as at 18/03/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015  26/02/2015  05/03/2015  12/03/2015	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p> <p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish</p>	

			19/03/2015	<p>the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.</p> <p>FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works.FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 25/03/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDerment to agree extend of works. All as discussed Paul McGuiness / Hugh McDerment.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p>	

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			<p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p> <p>23/10/2014 PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.</p> <p>30/10/2014 DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.</p> <p>13/11/2014 DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.</p> <p>20/11/2014 DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p>	
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			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.	
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.	
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.	
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.	
			19/03/2015	GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.	
3091	PMI 311	Alterations to two hybrid/interventional theatres (THE228/232)	10/11/2014	The Board requires cost for the following alterations to the two hybrid/interventional theatres (THE228/232) as below: 1) To carry out a further core in each theatre set-out as per the attached drawings 2) To infill the existing cores to reinstate the fire separation between compartments and to provide a level floor 3) To relocate 1no. monitor in each theatre from the ceiling mounted arm on the scrub side of the room to the vacant arm on the surgeon's panel/pendant side of the table. 4) To replace the fixed arm section on both the upper and lower arms of the scrub side ceiling mount, in both theatres, extending each arm by 250mm 5) to supply/install an additional operating light to the second arm of the scrub side ceiling mount in both theatres 6) to relocate the scrub side ceiling mount in THE 232 to as close to the outer rail of the unistrut ceiling as possible as set out on sketch (SK02) 7) to alter the av cabling & electrical installation as necessary to accommodate the above changes including provision of 1no. outlet plate on PEN 013B in THE 228 for connection of 'stacks' to the pendant.	
			13/11/2014	DH acknowledged that information was awaited from Starkstrom – feedback was awaited re the core and movement of 1 light. DP noted that the BMCL commissioning of the theatre suite may fall out of the 26 <sup>th</sup> January 2015.	
			20/11/2014	AF advised that he had all the supply chain providing feedback on 21/11/2014. AF noted that BMCL want to try and catch all the construction works before the 26 <sup>th</sup> January 2015. DH advised that he would liaise between BMCL and Toshiba. AF noted that it was proposed to have a meeting on Monday.	
			27/11/2014	DH advised that costs are awaited. GW noted that costs had been received the previous night from Mercury. The programme implications will need to be identified – information is awaited from Starkstrom. DH noted that there is less concern if the arm works take place post 26 <sup>th</sup> January 2015 however the light needs to be moved asap.	



			04/12/2014	DH advised this is all agreed. AF advised that BMCL have not confirmed can do all the works in the NHS timescale. DH advised that the light alteration is the biggest issue for the NHS.	
			11/12/2014	DH advised that confirmation re timing was required and getting the floors cored and light moved in 1 room is the priority as this impacts on the ability of Toshiba to carry out their works. DP advised that he thought the light was sorted and that BMCL reps are looking at the coring. DP agreed to provide an update later that day.	
			08/01/2015	DP advised that the cores are to be done w/c 12/01/2015. The lighting will potentially be carried out w/c 19/01/2015. A Stephen will provide an update at 10am meeting.	
			15/01/2015	DH advised that the cores had been formed. DH needed confirmation of when the light could be moved as this was stopping other works on site – DH advised he would liaise with AStephens.	
			22/01/2015	DH advised that he needed a date for the relocation of the light so the Toshiba programme of works can be concluded. DH was satisfied if BMCL take down the light at this time and relocate at a later date in order not to delay the Toshiba works.	
			29/01/2015	DH advised that it is urgent to get the works done as have delayed Toshiba work. DH has discussed with DP the removal works which needs to be done by the end of next week. AF advised he will liaise with DP.	
			05/02/2015	DH advised this is WIP. Items had been removed, room photographed and sent to Toshiba. Toshiba have asked to get the holes filled in and it was not expected that the hole or the light would need to be filled in as the light would need to be reinstalled. GW advised this is an equipment list item.	
			12/02/2015	DH advised that there had been a concern raised that in the drilling of the holes that the machine could be damaged and that the hole drilling was to be put back 3 weeks. AStephen had been trying to get Hole Master who were on site to carry out the works while they were on site. DH enquired if Starkstrom were lined up to come in with the extended arms. The acceptance testing is due in March 2015. AF advised that BMCL will review the works and check that the process for drilling the hole is appropriate i.e. they could use “vacuum mounted” drilling to minimize the dust. DH advised that it is only 4 holes for a bracket and there was no reason to delay the works as the machine is not being moved so holes just needs to be done. DP advised that BMCL would need to carry out a final pressure test as everything was online.	
			19/02/2015	Starkstrom extended arms due on site w/c 23 February, reinstall of light to be programmed around Toshiba works.	
			26/02/2015	DP confirmed that the pendant arms are on site and that he would confirm the fitting date asap.	
			05/03/2015	DP advised that the arms have been installed however still need to pull cables to the lights. DH enquired if there had been any access issues and DP agreed to check and confirm.	
			12/03/2015	DP advised that he understood that the cable pulling works had been completed. DH advised that he had a meeting with the Users shortly and that there would be a discussion re the PACS screens and may request some BMCL assistance. DP noted that Starkstrom are currently on site. AF enquired about the training schedule. DP advised that a rebalance and sweep had been scheduled. IP and DWilson generally link regarding any training. AF requested that the NHS confirm any training requirements.	
			19/03/2015	DH noted that he had asked for the spring arm to be adjusted. There is further work for Toshiba to carry out in the Hybrid theatres re monitors. A PMI would be raised to change the pendants about as the anaesthetic machine will clash. It was agreed this item could be closed and any additional matters raised under the separate PMI.	

3251	PMI 321	NCH Theatres 109 & 114	<p>07/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 &amp; 114. The cabling should match that previously installed to all other theatres.</p> <p>DP advised that James is working on providing the costs to the NHS</p> <p>AF advised that he had spoken to EMcl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties.</p> <p>GW advised that the cost had been uploaded to Sypro on 28/01</p> <p>DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status.</p> <p>PM advised that the Project Team were still waiting on the Board to confirm the way forward. DL advised that there is a meeting with the Users planned in March 2015. NHS to confirm way forward. GW advised that cost had been uploaded to Sypro. DP advised that Starkstrom currently have people on site therefore it would be beneficial to instruct this work asap before they finish up on site.</p> <p>DH advised that the NHS were awaiting formal confirmation that YCF will fund the greater works /OR1 and that the NHS were unlikely to go ahead with this item.</p> <p>DH noted that this matter needed to be formally closed. DL is awaiting confirmation from YCC that they will be funding the greater works/OR1 and when confirmed that NHS will cancel this PMI.</p>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	<p>14/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Grocery Storage Unit</p> <p>Please provide quotation for the installation of the following:</p> <ol style="list-style-type: none"> <li>1. 63amp three phase electrical supply</li> <li>2. a ventilation stub</li> <li>3. a sprinkler supply</li> </ol> <p>As per locations indicated on attached plan.</p> <p>It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.</p> <p>DMF advised this matter is going through the process.</p> <p>GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.</p> <p>PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.</p> <p>GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]</p> <p>PMI 342 issued to take design forward for costing.</p> <p>GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12<sup>th</sup> March 2015.</p> <p>GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.</p>	

			12/03/2015 19/03/2015	DH noted that the retailer is doing their own warrant applications. GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015 19/02/2015 26/02/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. As above	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015  05/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works. PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters. PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss. PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed. PM advised that he had informally heard that the shelters will be available from April. PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.	

3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	09/02/2015	Relocate lighting column to avoid bus stop.  The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.	
			12/02/2015	PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.	
			19/02/2015	PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.	
			26/02/2015	PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.	
			05/03/2015	PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.	
			12/03/2015	PM advised that an amendment would be advised via a separate PMI.	
			19/03/2015	It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.	
3358	PMI 337 -	Pull down beds in NCH	09/02/2015	The Board request a quotation for enabling works to facilitate the installation of pull down beds throughout ward areas in the NCH. The work scope, as set out in the attached table, varies by location and involves three items: * Removal of wall mounted parent light, including isolating wiring and making good the wall (98no) * Relocation of switched fuse spur for hoist (14 no) * Installation of pattressing to support fold-down beds in locations previously not strengthened. This can be surface fixed as the bed has a back panel which will conceal the pattress (14 no)	
			12/02/2015	GW advised that this item is being priced up.	
			19/02/2015	Pricing ongoing.	
			26/02/2015	GW advised that he would formalise the costs later that day	
			05/03/2015	GW advised that the cost had been uploaded on 27/02. DH advised that resource is currently available and he would liaise with MM to progress.	
			12/3/2015	DH agreed to progress this item	
			19/03/2015	Agreed this item should be closed as covered under CE 083	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building.	
			12/02/2015	GW advised this is WIP to obtain costs.	
			19/02/2015	Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution.	

			26/02/2015	GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL requested that the programme be discussed with KC.	
			05/03/2015	DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.	
			12/03/2015	DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.	
			19/03/2015	It was noted that costs are awaited.	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015	<p>The Board request a quotation to undertake the following works:</p> <p><b>HOW-002: Interview/Sitting Room</b></p> <p>Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).</p> <p><b>HOW-028: Charge Nurse Office</b></p> <p>Hot and cold water supplies (or cold only) to proposed sink.</p> <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> <p>Fit-out will be undertaken by others including electrical and mechanical installation but final connections/commissioning will be subject to BMCE checks/approval.</p>	
			12/02/2015	Please provide a programme for the works.	
			19/02/2015	GW advised costs will be provided asap.	
			26/02/2015	Cost still being prepared by BM, expected 24/02/2015.	
				GW advised that the cost had been uploaded to Sypro on 24/02/2015. Board to confirm the way forward.	
			05/03/2015	PM agreed to liaise with HG. DP advised that HG had enquired about the timescales and that the info provided was only indicative.	
			12/03/2015	DH advised that there had been a meeting on site with CGrindlay and the mechanical aspects had been reviewed. CG suggested that could deal with changes fairly easily. HG is in discussion with the Cancer Trust to get confirmation that they will fund the changes.	
			19/03/2015	GW noted that a Building Warrant will be required for these works. GW noted that revised costs had been uploaded. DH noted that there was no requirement for a water heater as both hot and cold water was to be installed.	

3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015.</p> <p>Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</p> <p>It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p> <p>It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31<sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31<sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.</p> <p>DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.</p>	



3392	PMI 346	Starkstrom Pendants – accessories and DVI sockets	<p>17/02/2015</p> <p>19/02/2105</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>The Board require the immediate installation of all pendant accessories and completion of wiring to DVI sockets for all Starkstrom pendants.</p> <p>Delivery commences 20/02/2015 and next week, all works should be complete by early March 2015.</p> <p>DP advised that the delivery had been received and work ongoing and fitting out the pendant has been started. It was noted that JMc has advised that some of the users what the pendants kitted out differently. DP suggested that there should be a joint meeting with Strakstrom. PM advised that instructions should only be provided to BMCL from PM /DH. DP advised that BMCL were trying to accommodate the change to save on double working. PM agreed to liaise with JMcG in the first instance.</p> <p>PM noted that a meeting had been scheduled to take place on 10/03/2015. JMc would provide the 'wish list' for discussion/agreement. PM would provide a PMI to confirm the way forward.</p> <p>DP advised that BMCL have clarity about what JMcG is asking for but JMcG needs to be asked to place the items so that Mercury can do the wiring. Starkstrom are to confirm some items i.e. hanging of Vacsac</p> <p>Item was agreed this item was closed. Cross reference PMI 361.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p>	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p>	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with</p>	



			19/03/2015	NHS re number of lines is required. GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015  26/02/2015 05/03/2015  12/03/2015  19/03/2015	<p>Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works. GW noted that costs are ongoing. GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter &amp; Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.</p> <p>DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24<sup>th</sup> March 2015. GW agreed to liaise with DR.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015  05/03/2015  12/03/2015  19/03/2015	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p> <p>DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon. DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p> <p>DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p>	

			05/03/2015 19/03/2015	<p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul.</p>	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	05/03/2015 19/03/2015	<p>Please provide cost to change names on fire alarm and nurse call from those currently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc.</p> <p>DP advised that Mercury have some queries on this which are being progressed.</p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	10/03/2015 19/03/2015	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury.</p>	
3482	PMI 356 -	Omission of padded wall covering	10/03/2015 19/03/2015	<p>The Board request that, as agreed, the padded wall covering to the following rooms is omitted and that the associated cost saving is provided: DCFP – 051</p> <p>It was agreed that this item was closed.</p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	10/03/2015 19/03/2015	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement during heat sanitisation of the main level 4 loop.</p> <p>DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building</p>	

				Warrant. DH advised that this matter relates to Patient Safety.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015 19/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed. GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015 19/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.  Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002. GW advised that costs awaited from Mercury	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015 19/03/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002) GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently.	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015 19/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.  Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015. DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on 20/03/2015.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal.	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works.	

3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.	
3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms.	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos.	
3559	PMI 368 -	REVISED ACCESS ROUTE TO ADULT HOSPITAL FROM EXISTING HOSPITAL	24/03/2015	Proposed new pedestrian access route to Adult Hospital main entrance from the existing hospital, to be operational from 7am Monday 30th March 2015. Please open up pedestrian route linking the existing estate to the new main entrance for the Adult Hospital, to be operational from 07.00hrs 30th March 2015. Please complete works to form crossing at A on attached sketch, and complete hoarding along route to north.	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.  In parallel provide cost and timescale, desired completion by end of April 2015.	
3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use.	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14529	CE 077	ANAESTHETIC PENDANT RNW-037	04/03/2015	Please proceed with works to reposition the anaesthetic pendant as set out in PMI 330 & 351.	20/03/2015
14531	CE 078	Blood Fridges	04/03/2015	Installation of digiloks and shelves as set out in PMI 341 / 350.	20/03/2015
14533	CE 079	DESIGN FEES FOR WALLACE WHITTLE	04/03/2015	Confirmation on payment of design fees for works set out in PMI's 325, 326 and 338 and confirmed in PMI 342.	20/03/2015
14546	CE 080	SUPPLY & INSTALL SCHNEIDER CONTROL BOXES IN 4 MRI ROOMS	05/03/2015	Supply and installation of Schneider control boxes to switch/dim the MRI Room lights in the following locations: RAG - 109 RAG - 112 RCG - 064 RCF - 024  All as per PMI 336. Funded from Gp 5 equipment budget.	20/03/2015
14547	CE 081	ENERGY CENTRE - TEST SOCKETS	05/03/2015  19/03/2015	The Board request the installation of test sockets within combustion plant flues in the Energy Centre to allow commissioning tests in compliance with the PPC regulations as amended post contract to include permit compliance in the commissioning phase. All as per PMI 339. DP suggested that a CE may be required to cover the boilers as SEPA have moved requirements. Needs to cover generators.	20/03/2015
14548	CE 082	4 @ MRI CONTROL ROOMS - IPS OUTLETS	05/03/2015	The Board confirm the requirement for and installation of 2 @ twin IPS rated OUT010 outlets in each MRI Control Room (4 No.) and 1 @ twin IPS rated OUT010 in corridor adjacent to the Wave Guide. Works as priced under PMI345. Funded from Group 5 equipment budget.	20/03/2015
14652	CE 083	CHILDREN'S HOSPITAL - PULL DOWN BEDS	13/03/2015 19/03/2015	Please proceed immediately with works as described in PMI 337. FS advised that BMCL will progress the works however noted that BMCL will have to pull their electrical resource of other matters to remove the lights.	20/03/2015
14653	CE 084	PHASE 3A DEMOLITION WORKS - ADDITIONAL BUILDINGS	13/03/2015  19/03/2015	Please demolish and remove from site the additional buildings as part of your demolition contract; a) out-patients, b) therapies and c) accident and emergency and all associated sundry structures and immediate hard landscaping, all as priced. GW requested confirmation as to how the information is to be uploaded. GW has emailed DR and confirmation is awaited.	23/03/2015
14714	CE 085	NSGH Basement - Estates Workshop Fit-out Design costs	24/03/2015	Confirmation of design fees for the works as established through PMI 343. The agreed costs are [REDACTED] inclusive of OH+P but excluding VAT.	25/03/2015
14721	CE 086	ADULT HOSPITAL LEVEL 4 - ADD SERVICES ROOM HOW-208	25/03/2015	Confirm proceed with works to install services and drainage connections as priced with amendments in PMI 340  Quotation confirmed as [REDACTED] inclusive of OH+P but excluding VAT.	25/03/2015

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMCL so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) **DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) **DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) **FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan.(19/03/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) **DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015.(19/03/2015)**

- Renal Water –DH noted that the programme had been received the previous week and shared with FW. There will be a need to keep on top of the programme/works. Some advice had been received from HFS which needed to be worked through. (05/02/2015). Programme agreed, samples to be taken 24/02/2015, 4 week proving period to follow receipt of tests results. (19/02/2015). DH advised that he had received a series of emails the previous evening which were suggesting that the NCH could not be moved into as planned. DH understood that there may be a failure which is getting re-sterilised and retested. (05/03/2015) DP noted that there had been a high count at NCH therefore retest carried out and at Labs. DP noted that 1 outlet had also been changed. DH advised that he understood that the outlet was having remedial works which was concerning and that the NHS needed to understand what works are being done retesting, etc. (12/03/2015) DHG advised that everything appeared to be ongoing. There had been some remedial works to panel 691 as there had been some leaking of joints. There was now a suggestion that a four week proving period needed to be restarted. DP advised that he had checked the regs which advised that works can be carried out during validation with no need to restart the four week proving period. (19/03/2015)
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015)
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015)
- Warrant applications – AF suggested that a meeting is held with Building Control so can agree how to deal with warrant applications going forward i.e. needed for additional data & power, laundry, retail units, workshop, etc. Pre-meet with BMCL and NHS to be organized so can identify all the potential warrants (12/03/2015) DP advised that GB has prepared a list of the required Building Warrants. PM was requested to confirm that there are no additions to the GB list. PM to provide BMCL with a PMI for the Building Warrant applications. BMCL to keep progressing with the works in the interim (19/03/2015).
- Decontamination washers – DH advised that there may be an issue re the electrical install and may need some BMCL assistance. (19/03/2015)
- Blood fridges – DH noted that reps are looking for a proving of the temp and that DW is assisting with this matter (19/03/2015)




**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 01/04/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW. PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p> <p>DL and PM to discuss</p>	


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24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p> <p>26/03/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation.</p> <p>We are still awaiting official notification but we are putting together contingency plans never the less.</p> <p>This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex.</p> <p>DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works.</p> <p>DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</p> <p>DP advised that works are progressing ok. LM and JM are both advising that things are working ok and both appear to be working together to overcome any issues.</p>	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015 26/03/2015</p>	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours.</p> <p>Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p>PM advised that cost is awaited so CE can be issued.</p> <p>GW advised that the costs would be provided later that day.</p> <p>GW noted that Andy had advised that he had discussed this matter with PM. GW to follow-up discussion with Andy.</p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	<p>BMCE have recieved numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.</p> <p><i>Text from prev Notes:</i></p> <p><i>DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and</i></p>	



being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 01/04/2015


					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015	The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.	
			26/02/2015	FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .	
			05/03/2015	PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .	
			12/03/2015	FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.	
			19/03/2015	FS suggested that there was a clearer understanding of the matter on the basis of the survey results for	

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			26/03/2015	<p>levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level 1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p> <p>FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7<sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattressing issue and PM would provide this to DR for discussion with GW.</p>	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 01/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p>	

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				<p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p>	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed	
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.	
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.	
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.	
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.	
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be	



			<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.</p> <p>GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.</p> <p>PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.</p>	
3251	PMI 321	NCH Theatres 109 & 114	<p>07/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>The Board request a quotation to retrospectively, post handover, install infrastructure cabling and associated hardware for image viewing in NCH Theatres 109 &amp; 114. The cabling should match that previously installed to all other theatres.</p> <p>DP advised that James is working on providing the costs to the NHS</p> <p>AF advised that he had spoken to EMcl re timeous provision of info to BMCL. AF noted that the areas where work was to be carried out had been undertaken. DL enquired about the alternate solution and impact on warranties.</p> <p>GW advised that the cost had been uploaded to Sypro on 28/01</p> <p>DL advised that a decision is anticipated at the beginning of March – DL provided an overview of the current status.</p> <p>PM advised that the Project Team were still waiting on the Board to confirm the way forward. DL advised that there is a meeting with the Users planned in March 2015. NHS to confirm way forward. GW advised that cost had been uploaded to Sypro. DP advised that Starkstrom currently have people on site therefore it would be beneficial to instruct this work asap before they finish up on site.</p> <p>DH advised that the NHS were awaiting formal confirmation that YCF will fund the greater works /OR1 and that the NHS were unlikely to go ahead with this item.</p> <p>DH noted that this matter needed to be formally closed. DL is awaiting confirmation from YCC that they will be funding the greater works/OR1 and when confirmed that NHS will cancel this PMI.</p> <p>It was noted that this PMI is to be cancelled as YCC have agreed to fund OR1.</p>	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	<p>14/01/2015</p>	<p>Grocery Storage Unit</p> <p>Please provide quotation for the installation of the following:</p> <ol style="list-style-type: none"> <li>63amp three phase electrical supply</li> <li>a ventilation stub</li> <li>a sprinkler supply</li> </ol> <p>As per locations indicated on attached plan.</p>	



			<p>15/01/2015 It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.</p> <p>22/01/2015 DMF advised this matter is going through the process.</p> <p>29/01/2015 GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.</p> <p>05/02/2015 PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.</p> <p>12/02/2015 GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]</p> <p>19/02/2015 PMI 342 issued to take design forward for costing.</p> <p>26/02/2015 GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12<sup>th</sup> March 2015.</p> <p>05/03/2015 GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.</p> <p>12/03/2015 DH noted that the retailer is doing their own warrant applications.</p> <p>19/03/2015 GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.</p> <p>26/03/2015 GW advised that he had received the drawing for the mop wash. PM suggested that this item had been on the tracker a long time. GW advised that GB had some queries to resolve before drawing could be prepared. The design didn't start until 19<sup>th</sup> Feb 2015. Design has been marked up by CGrindlay &amp; Mercury. Final design expected 27/03/2015 and thereafter BMCL will cost up. GW noted that BMCL no longer have designers that they can use freely as designers moved onto to other projects.</p>	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	<p>14/01/2015 Newsagent Storage Unit Please provide quotation for the installation of the following:</p> <ol style="list-style-type: none"> <li>1. 63amp single phase electrical supply</li> <li>2. a ventilation stub</li> <li>3. a sprinkler supply</li> </ol> <p>As per locations indicated on attached plan.</p> <p>15/01/2015 See above</p> <p>19/02/2015 PMI 342 issued to take design forward for costing.</p> <p>26/02/2015 As above</p>	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	<p>30/01/2015 Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.</p> <p>The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.</p>	

			<p>05/02/2015 Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.</p> <p>12/02/2015 GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.</p> <p>19/02/2015 PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.</p> <p>26/02/2015 PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.</p> <p>05/03/2015 PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015</p> <p>12/03/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.</p> <p>19/03/2015 PM advised that he had informally heard that the shelters will be available from April.</p> <p>PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.</p> <p>26/03/2015 PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015 Relocate lighting column to avoid bus stop.</p> <p>12/02/2015 The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>19/02/2015 PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>26/02/2015 PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>05/03/2015 PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>12/03/2015 PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>19/03/2015 PM advised that an amendment would be advised via a separate PMI.</p> <p>It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a</p>	

			26/03/2015	<p>further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p>	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015  26/02/2015  05/03/2015  12/03/2015  19/03/2015 26/03/2015	<p>The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p> <p>GW advised this is WIP to obtain costs.</p> <p>Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution.</p> <p>GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</p> <p>DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>It was noted that costs are awaited.</p> <p>GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p>	
3362	PMI 340 -	Changes to HOW-002 and HOW-028	10/02/2015	<p>The Board request a quotation to undertake the following works:</p> <p><b>HOW-002: Interview/Sitting Room</b></p> <p>Provide electrical supply for downlighters within fixed shelving unit (not to be linked to BMS).</p> <p><b>HOW-028: Charge Nurse Office</b></p> <p>Hot and cold water supplies (or cold only) to proposed sink.</p> <ul style="list-style-type: none"> <li>• Drainage connection to proposed sink</li> <li>• Power supply to instantaneous water heater (if cold water only supplied)</li> <li>• Connection for additional small power</li> <li>• Connection for additional downlighter within fixed shelving unit</li> </ul> <p>Fit-out will be undertaken by others including electrical and mechanical installation but final</p>	

			<p>connections/commissioning will be subject to BMCE checks/approval.</p> <p>12/02/2015 19/02/2015 26/02/2015</p> <p>05/03/2015 12/03/2015 19/03/2015 26/03/2015</p>	<p>Please provide a programme for the works. GW advised costs will be provided asap. Cost still being prepared by BM, expected 24/02/2015. GW advised that the cost had been uploaded to Sypro on 24/02/2015. Board to confirm the way forward. PM agreed to liaise with HG. DP advised that HG had enquired about the timescales and that the info provided was only indicative. DH advised that there had been a meeting on site with CGrindlay and the mechanical aspects had been reviewed. CG suggested that could deal with changes fairly easily. HG is in discussion with the Cancer Trust to get confirmation that they will fund the changes. GW noted that a Building Warrant will be required for these works. GW noted that revised costs had been uploaded. DH noted that there was no requirement for a water heater as both hot and cold water was to be installed.</p> <p><b>It was agreed this item could be closed as is covered by a CEN. (CE 086)</b></p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p><b>DP advised that the design is due to be provided imminently.</b></p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015 19/02/2015 26/02/2015</p>	<p>Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015. Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued. It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must</p>	

			05/03/2015	guarantee that the 31 <sup>st</sup> March deadline will be achieved. GW advised that the original costs were based on BMCL aiming for 31 <sup>st</sup> March completion not guaranteeing 31 <sup>st</sup> March completion. A guaranteed 31 <sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.	
			12/03/2015	It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31 <sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31 <sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.	
			19/03/2015	DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.	
			26/03/2015	DP advised that some issues had been overcome/resolved.	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	19/02/2015	The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.	
			26/02/2015	DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.	
			05/03/2015	GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.	
			12/03/2015	DH advised that he understood the works were being carried out. BMCL was to identify any “additional” works which are attributed to the NHS.	
			19/03/2015	GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.	
			26/03/2015	DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.	
			26/02/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.	
			05/03/2015	PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the “base number” i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .	
			12/03/2015	GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of ‘additional’ lines is unchanged and discussion/agreement with NHS re number of lines is required.	

			19/03/2015	GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.	
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015	Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.	
			26/02/2015	The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.	
			05/03/2015	GW noted that costs are ongoing. GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though	
			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015	The Board confirm that the additional electrical works required for the Paragon installation to NCH ED & Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328	
			05/03/2015	DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.	
			12/03/2015	DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.	
			19/03/2015	DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for	



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			26/03/2015	this item. DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015   		



			19/03/2015  26/03/2015	<p>* RENW - 026 * RENW - 030 * RENW - 032</p> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement during heat sanitisation of the main level 4 loop.</p> <p>DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety.</p> <p>DP advised that he would get the works progressed. DH advised that cost info is still to be provided.</p>	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015 19/03/2015  26/03/2015	<p>The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 &amp; 102) to allow 1000mm servers to be installed.</p> <p>GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.</p> <p>DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury.</p>	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015  19/03/2015 26/03/2015	<p>Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 &amp; 2.</p> <p>Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.</p> <p>GW advised that costs awaited from Mercury</p> <p>FS advised that the light removal is due to commence 27/03/2015</p>	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015  19/03/2015  26/03/2015	<p>The Board request a quotation and high level programme for the M&amp;E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings.</p> <p>Works to include:</p> <ul style="list-style-type: none"> <li>* Additional data, power and HDMI outlets to multiple rooms and additional domestic hot &amp; cold water supplies and drainage connections in:</li> <li>- Patent (school) room (SCH-077)</li> <li>- Recreation Lounge (SCH - 002)</li> </ul> <p>GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently.</p> <p>DH suggested visiting the site with MRoss. A further review had been carried out and it was appreciated that the TCT contractor has undertaken works in 1 room. DH will provide feedback and amend the scope as necessary.</p>	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	<p>Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.</p> <p>Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.</p>	

			19/03/2015 26/03/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on 20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015. Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015 26/03/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal. DH noted that he had been advised that the works have been done.	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015 26/03/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install. DP advised that Starkstrom are working this up – Starkstrom have been advised to finish works in 361 before commencing any other works.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015 26/03/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works. DH advised that Toshiba are to receive confirmation from Japan re 56" monitor and reinstall of heads. Cost awaited from Starkstrom to change pendants. DH suggested that the theatre could be used as a hybrid in the interim but it couldn't be used as a general theatre however he suspected that the users would not agree with this. DH suggested that there may be a work-round by using an alternate theatre. DH was requested to provide DL with the contact details for the Toshiba MD. DP advised that in relation to Starkstrom a cost for the delivery and installation of every pendant was anticipated to be received later that day. A programme for the install works is awaited. DL advised that the Board needed to take form a position on 27/03/2015 and that DL needed to know the implications for that area before cop that day (26/03/2015).	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015 26/03/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works.	
3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015 26/03/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms. It was noted that an indication of the timescale was to be identified. GB and PM to have a site visit. PM to liaise with MM re when service is to start.	

3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015	<p>Please replace broken window to this room.</p> <p>The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos.</p> <p>FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off.</p>	
3559	PMI 368 -	REVISED ACCESS ROUTE TO ADULT HOSPITAL FROM EXISTING HOSPITAL	24/03/2015  26/03/2015	<p>Proposed new pedestrian access route to Adult Hospital main entrance from the existing hospital, to be operational from 7am Monday 30th March 2015.</p> <p>Please open up pedestrian route linking the existing estate to the new main entrance for the Adult Hospital, to be operational from 07.00hrs 30th March 2015. Please complete works to form crossing at A on attached sketch, and complete hoarding along route to north.</p> <p>FS advised that he had received feedback from WSP that it is a non-commissioned crossing so only tactile paving is required.</p>	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015	<p>Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings.</p> <p>Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.</p>	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015	<p>Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.</p> <p>In parallel provide cost and timescale, desired completion by end of April 2015.</p>	
3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015	<p>Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use.</p> <p>It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design.</p>	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
		NONE			

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMCL so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) **GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) **FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015)**

- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursor low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DH advised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015) FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan. (19/03/2015) **It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) **DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) **FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015)**
- Decontamination washers – DP agreed to progress the remedial works to the 'drips' at the washers. (26/03/2015)
- Langlands Drive – PM advised that the roadway is to be scrapped as previously discussed. Any issues that are discovered should be flagged to PM immediately who will visit the area asap thereafter. GW suggested that PMcG was concerned that the levels don't work therefore when scrape issues would be identified. (26/03/2015)
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015)


- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as a record of the works that BMCL needed to undertake. (26/03/2015)
- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 08/04/2015:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p> <p>DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation. We are still awaiting official notification but we are putting together contingency plans never the less. This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex. DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works. DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</p> <p>DP advised that works are progressing ok. LM and JM are both advising that things are working ok and both appear to be working together to overcome any issues.</p> <p>DP advised that currently there were no issues. BMCL have been doing short orders. A short order would now need to be done to FNS and GW advised this had been done. DP suggested that this item should remain open until the training has been provided. DH noted that LM is working through the IQ and Sign-off.</p>	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015 26/03/2015</p> <p>02/04/2015</p>	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours. Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p>PM advised that cost is awaited so CE can be issued.</p> <p>GW advised that the costs would be provided later that day.</p> <p>GW noted that Andy had advised that he had discussed this matter with PM. GW to follow-up discussion with Andy.</p> <p>GW noted that the cost was circa [REDACTED]. GW advised that this item could be closed.</p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	BMCE have received numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.	

			<p>Text from prev Notes:  DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted as contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)</p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p> <p>GW advised that he had uploaded all the documentation to Sypro. BMCL are awaiting confirmation as to way forward/what works have to be carried out. FS noted that there will be items that will be difficult to obtain by 24<sup>th</sup> April i.e. doors. PM agreed to discuss with DL.</p> <p>PM advised that a meeting is being arranged and it had been agreed to filter out superfluous items. In general it is thought that the primary issues are in the ensuites.</p> <p>GB advised that a meeting to discuss the User comments had been held, case had been put forward, noted that visit to Skye House had been undertaken and brief prepared. A PMI was then received which instructed the way forward and install is as per PMI. Since this time users have come and requested further changes. BMCL have looked at easy fixes. Predominantly the en-suites need to be anti-lig. It had been agreed to disagree re the background. The PMI did not refer to the RFI and BMCL followed the PMI. PM advised that he proposed to confirm the NHS requirements. GB advised that MM had suggested that the dept cannot open until the works are finished and that the NCH patients are due to move in June. AF advised that BMCL would prepare a programme for the works so that BMCL can understand if can guarantee that the works can be complete before the NCH moves.</p>	
2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	<p>17/03/2015</p> <p>Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20<sup>th</sup> March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23<sup>rd</sup> April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021</p> <p>19/03/2015</p> <p>GW advised that BMCL are awaiting confirmation from the NHS re the way forward. AF suggested that BMCL should carry out trial digs so it can be identified if there is anything of consequence.</p> <p>02/04/2015</p> <p>Agreed this item should be closed as PMI 365 issued.</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p>	

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				<p>PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>26/03/2015</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>02/04/2015</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
24650	BMCE-EWN-000155	Anticipated completion date of works on PMI 347 Radio Nuclide drainage	03/04/2015	Following receipt of the programme from Crawford plumbing, works are due to commence Tuesday 7th April for 6 weeks. Therefore works will not be complete until w/c 18th May 15	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 08/04/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	<p>19/02/2015</p> <p>26/02/2015</p>	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the patress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-</p>	


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			05/03/2015	<p>off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p>
			12/03/2015	<p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.</p>
			19/03/2015	<p>FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p>
			26/03/2015	<p>FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7<sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattressing issue and PM would provide this to DR for discussion with GW.</p>

			02/04/2015	FS advised that further fittings had been agreed and were due on site on 03/04/2015 – FS would double check that there was no delay to the delivery. PM advised that Lincor is back on site and he understood that progress is ongoing. Lincor have their own PM looking after the works on site. PM advised that it would be useful to understand how the laminate will be fixed to the stud. GW advised that he had not received any Lincor cost information nor had a discussion with DR. PM advised that he would provide the cost info asap.	
24641	NHS EW 057	ADULT HOSPITAL STRUCTURAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 08/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re	

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			<p>services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermott to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>19/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work</p>	
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			19/03/2015	content and what is being done. GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.	
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.	
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
			22/01/2015	DMF advised this matter is going through the process.	
			29/01/2015	GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.	
			05/02/2015	PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.	
			12/02/2015	GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12 <sup>th</sup> March 2015.	
			05/03/2015	GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.	
			12/03/2015	DH noted that the retailer is doing their own warrant applications.	
			19/03/2015	GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.	
			26/03/2015	GW advised that he had received the drawing for the mop wash. PM suggested that this item had been on the tracker a long time. GW advised that GB had some queries to resolve before drawing could be prepared. The design didn't start until 19 <sup>th</sup> Feb 2015. Design has been marked up by CGrindlay & Mercury. Final design expected 27/03/2015 and thereafter BMCL will cost up. GW noted that BMCL no longer have designers that they can use freely as designers moved onto to other projects.	
			02/04/2015	GB advised that the design had been done and is out for costing. DP suggested that the cost would be available soon. The works should be more straight forward than the likes of	



				pharmacy.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015 19/02/2015 26/02/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. As above	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015  05/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works. PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters. PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss. PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed. PM advised that he had informally heard that the shelters will be available from April. PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now. PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.	



			<p>05/03/2015 requested that the programme be discussed with KC.</p> <p>12/03/2015 DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>19/03/2015 It was noted that costs are awaited.</p> <p>26/03/2015 GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>02/04/2015 GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>19/02.2015 Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>26/02/2015 GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>05/03/2015 GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>12/03/2015 DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>19/03/2015 DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>26/03/2015 DP advised that the design is due to be provided imminently.</p> <p>02/04/2015 DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015 Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015.</p> <p>19/02/2015 Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</p> <p>26/02/2015 It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not</p>	

			<p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p> <p>It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31<sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31<sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.</p> <p>DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.</p> <p>DP advised that some issues had been overcome/resolved.</p> <p>FS advised that he had provided a note the previous night with an update on the survey works for wardview. FS did not see any reason why the data/power works for the wardview could not be completed by the target date. DH noted that there is an issue re pharmacy i.e. they need to bring drugs on site early to test the robot however cant test the robot as there is no power. There was a Mercury/BMCL debate re whether needs a new distribution board. DP acknowledged that there had been a breakdown in progressing this but works are now underway to get the sketch signed off by WW and the distribution board purchased and delivered to site. It had been advised that there is a requirement for 14 additional data and 10 double powersockets which are not on the PMI. DP advised that Mercury had been advised to order up what was required and agreement re the additional items can be reached thereafter.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p> <p>DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.</p> <p>GW advised that he had a cost for the works. The costs had been split into NHS and non NHS works – the NHS works cost was circa [REDACTED]. DP advised that BMCL are continuing to progress with a programme which stays ahead of the ABrennan programme. FS advised that Crawford had noted</p>	Cross ref PMI 376

				that there is 4 weeks of work. DH advised that 4 weeks of works presents a problem. DP suggested that BMCL and NHS meet w/c 06/04/2015 so can identify if works can be done to enable to disruption to the dept opening – agree sequence of works. DP advised that BMCL will identify if any materials need to be ordered which may have a long lead time.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015  26/02/2015  05/03/2015  12/03/2015  19/03/2015  26/03/2015  02/04/2015	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the “base number” i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of ‘additional’ lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the ‘extra’ lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p>	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015  26/02/2015 05/03/2015	<p>Completion of Group 5 rooms in main Imaging Departments.</p> <p>The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.</p> <p>GW noted that costs are ongoing.</p> <p>GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though</p>	

			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
			02/05/2015	DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would need to be asked to confirm what works he had done.	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015	The Board confirm that the additional electrical works required for the Paragon installation to NCH ED & Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328	
			05/03/2015	DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.	
			12/03/2015	DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.	
			19/03/2015	DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.	
			26/03/2015	DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.	
			02/04/2015	DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.	
				This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.	



			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p>	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>Please provide cost to change names on fire alarm and nurse call from those currently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc.</p> <p>DP advised that Mercury have some queries on this which are being progressed.</p> <p>GW advised that BMCL had a preliminary cost from Mercury of [REDACTED]. GW would review this costs and confirm to the NHS asap.</p> <p>PM noted that this matter would likely become a CE.</p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	<p>10/03/2015  19/03/2015 26/03/2015 02/04/2015</p>	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury. GW noted that cost awaited from Mercury.</p> <p>DP advised that he would discuss with EMCL in order to push on the availability of the cost info.</p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	<p>10/03/2015</p>	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement</p>	



			19/03/2015	during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety.	
			26/03/2015	DP advised that he would get the works progressed. DH advised that cost info is still to be provided.	
			02/04/2015	DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed.	
			19/03/2015	GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.	
			26/03/2015	DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.	
				Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.	
			19/03/2015	GW advised that costs awaited from Mercury	
			26/03/2015	FS advised that the light removal is due to commence 27/03/2015	
			02/04/2015	FS advised that the light removal works was 50% complete however would be fully complete by cop 03/04/2015.	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002)	
			19/03/2015	GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently.	
			26/03/2015	DH suggested visiting the site with MRoss. A further review had been carried out and it was appreciated that the TCT contractor has undertaken works in 1 room. DH will provide feedback and amend the scope as necessary.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.	
				Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	
			19/03/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on	

			26/03/2015  02/04/2015	20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015. Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015. GW advised that the cost had been uploaded to Sypro earlier that day. PM agreed to provide a CE. DP advised that he had asked Starkstrom to provide regular updates for DP and DP would forward these to PM. PM advised that Starkstrom should ignore any instruction(s) from Users, etc and to flag up any issues asap.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015  26/03/2015 02/04/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal. DH noted that he had been advised that the works have been done. It was agreed this item could be closed	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015  26/03/2015 02/04/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install. DP advised that Starkstrom are working this up – Starkstrom have been advised to finish works in 361 before commencing any other works. GW noted that costs are awaited.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015  26/03/2015  02/04/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works. DH advised that Toshiba are to receive confirmation from Japan re 56" monitor and reinstall of heads. Cost awaited from Starkstrom to change pendants. DH suggested that the theatr could be used as a hybrid in the interim but it couldn't be used as a general theatre however he suspected that the users would not agree with this. DH suggested that there may be a work-round by using an alternate theatre. DH was requested to provide DL with the contact details for the Toshiba MD. DP advised that in relation to Starkstrom a cost for the delivery and installation of every pendant was anticipated to be received later that day. A programme for the install works is awaited. DL advised that the Board needed to take form a position on 27/03/2015 and that DL needed to know the implications for that area before cop that day (26/03/2015). GW noted that costs are awaited.	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015  26/03/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works.	

3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015  26/03/2015  02/04/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms. It was noted that an indication of the timescale was to be identified. GB and PM to have a site visit. PM to liaise with MM re when service is to start.  GB advised that further to a visit to site to review the proposed works the costs are now being prepared.	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off.  FS advised that the rep has confirmed to be on site w/c 13/04/2015	
3559	PMI 368 -	REVISED ACCESS ROUTE TO ADULT HOSPITAL FROM EXISTING HOSPITAL	24/03/2015  26/03/2015  02/04/2015	Proposed new pedestrian access route to Adult Hospital main entrance from the existing hospital, to be operational from 7am Monday 30th March 2015. Please open up pedestrian route linking the existing estate to the new main entrance for the Adult Hospital, to be operational from 07.00hrs 30th March 2015. Please complete works to form crossing at A on attached sketch, and complete hoarding along route to north. FS advised that he had received feedback from WSP that it is a non-commissioned crossing so only tactile paving is required.  It was agreed this item could be closed	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.  Cross ref PMI 333	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015    02/04/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.  In parallel provide cost and timescale, desired completion by end of April 2015.  It was noted that it is WIP to price the works	

3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015  02/04/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use. It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design. GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type.	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres.	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015	Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.  Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.	
3609	PMI 374	ADULT HOSPITAL OUT PATIENTS DEPT LEVEL 1 - CONSULTING ROOM 063	07/04/2015	Please carefully remove CUP 1008 from room and make all finishes good.  Please carefully remove CUP 1008 from room and make all finishes good. CUP 1008 to be placed in basement storage room for spare materials. Please confirm cost for removal prior to 20th April 2015. Refere attached drawing.	
3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015	Please proceed and prepare base for 2 No ATM's as per attached drawing.  Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015	Proceed with works identified under PMI 347.  The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
		NONE			

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) **PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) **FS advised that the tank was due on site that day (02/04/2015)**

- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DH advised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015) FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan. (19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) **It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) **DP Advised that he understood that all the works had been carried out (02/04/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) **FS agreed to provide an update to PM later that day (02/04/2015)**
- Decontamination washers – DP agreed to progress the remedial works to the 'drips' at the washers. (26/03/2015) **DP advised that he understood the drips had all been fixed. (02/04/2015)**



- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015)
- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as a record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015)
- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015)
- Panel (which had come loose) – PM advised that the NHS have had to do a datix report on the incident. AF advised that there is an operative onsite to check panels – the weather conditions the previous day had not allowed for checks – the works need to be carried out from a chair and it had been too windy. AF provided an overview of the panel make-up/fixing. AF noted that the extent of the issue was not known at this time and all the panels would be checked as a matter of urgency. AF had asked the French manufacturer to look at the panels. There are no marks on the face of the panel. AF would provide a schedule identifying the order of the checks. DH suggested that the initial focus should be on the faces which sustain the brunt of the weather and which ones have an interface with members of the public. AF noted that a metal panel had also been damaged and a glazed panel PM suggested that the panel is only used in 2 locations (02/04/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015)
- . PAC Screen layout – DP advised that he had got this back (02/04/2015)
- Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015)
- Ultra clean – query has been raised re pressure in that they think it should be balanced and not 35/25.
- Outward opening doors – it was noted that correspondence could not be found which advised that the doors should have been changed and it was acknowledged that it appeared odd. GB noted that the drawing had been signed off as outward facing doors and the doors had been fitted as per drawing. FS agreed to liaise with TDSL to progress this matter – 2 instances are Plaster room adult hospital and 2<sup>nd</sup> floor NCH ARU . (02/04/2015)
- EWD – DH advised that users want to fill basin and cant as there is no way to fit a plug. It was suggested that the sink was as per SHTM. DH was requested to provide the sanitary ware code and BCML would check if the grating could be changed (02/04/2015)




**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 15/04/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW. PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works. DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	


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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation. We are still awaiting official notification but we are putting together contingency plans never the less. This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex. DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works. DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</p> <p>DP advised that works are progressing ok. LM and JM are both advising that things are working ok and both appear to be working together to overcome any issues.</p> <p>DP advised that currently there were no issues. BMCL have been doing short orders. A short order would now need to be done to FNS and GW advised this had been done. DP suggested that this item should remain open until the training has been provided. DH noted that LM is working through the IQ and Sign-off.</p>	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015 26/03/2015</p> <p>02/04/2015</p>	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours. Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p>PM advised that cost is awaited so CE can be issued.</p> <p>GW advised that the costs would be provided later that day.</p> <p>GW noted that Andy had advised that he had discussed this matter with PM. GW to follow-up discussion with Andy.</p> <p>GW noted that the cost was circa [REDACTED]. GW advised that this item could be closed.</p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	BMCE have received numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.	

			<p>Text from prev Notes:  DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted as contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)</p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p> <p>GW advised that he had uploaded all the documentation to Sypro. BMCL are awaiting confirmation as to way forward/what works have to be carried out. FS noted that there will be items that will be difficult to obtain by 24<sup>th</sup> April i.e. doors. PM agreed to discuss with DL.</p> <p>PM advised that a meeting is being arranged and it had been agreed to filter out superfluous items. In general it is thought that the primary issues are in the ensuites.</p> <p>GB advised that a meeting to discuss the User comments had been held, case had been put forward, noted that visit to Skye House had been undertaken and brief prepared. A PMI was then received which instructed the way forward and install is as per PMI. Since this time users have come and requested further changes. BMCL have looked at easy fixes. Predominantly the en-suites need to be anti-lig. It had been agreed to disagree re the background. The PMI did not refer to the RFI and BMCL followed the PMI. PM advised that he proposed to confirm the NHS requirements. GB advised that MM had suggested that the dept cannot open until the works are finished and that the NCH patients are due to move in June. AF advised that BMCL would prepare a programme for the works so that BMCL can understand if can guarantee that the works can be complete before the NCH moves.</p>	
2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	<p>17/03/2015</p> <p>Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20<sup>th</sup> March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23<sup>rd</sup> April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021</p> <p>19/03/2015</p> <p>GW advised that BMCL are awaiting confirmation from the NHS re the way forward. AF suggested that BMCL should carry out trial digs so it can be identified if there is anything of consequence.</p> <p>02/04/2015</p> <p>Agreed this item should be closed as PMI 365 issued.</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p>	

				<div> <div> PMI 343 – fit out  PMI 347 – Change of materials  PMI 352 – additional electrical sockets  PMI 357 – additional water supplies  PMI 360 – additional power, water and drainage connections </div> <div> Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.   Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360. </div> <div> 26/03/2015  &lt;</div></div>
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 08/04/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	<p>19/02/2015</p> <p>26/02/2015</p>	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the patress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-</p>	


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			05/03/2015	<p>off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p>
			12/03/2015	<p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.</p>
			19/03/2015	<p>FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p>
			26/03/2015	<p>FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7<sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattressing issue and PM would provide this to DR for discussion with GW.</p>

			02/04/2015	FS advised that further fittings had been agreed and were due on site on 03/04/2015 – FS would double check that there was no delay to the delivery. PM advised that Lincor is back on site and he understood that progress is ongoing. Lincor have their own PM looking after the works on site. PM advised that it would be useful to understand how the laminate will be fixed to the stud. GW advised that he had not received any Lincor cost information nor had a discussion with DR. PM advised that he would provide the cost info asap.	
24641	NHS EW 057	ADULT HOSPITAL STRUCTURAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 15/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re	

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			<p>services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermott to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>19/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work</p>	
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			19/03/2015	content and what is being done. GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.	
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.	
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
			22/01/2015	DMF advised this matter is going through the process.	
			29/01/2015	GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.	
			05/02/2015	PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.	
			12/02/2015	GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12 <sup>th</sup> March 2015.	
			05/03/2015	GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.	
			12/03/2015	DH noted that the retailer is doing their own warrant applications.	
			19/03/2015	GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.	
			26/03/2015	GW advised that he had received the drawing for the mop wash. PM suggested that this item had been on the tracker a long time. GW advised that GB had some queries to resolve before drawing could be prepared. The design didn't start until 19 <sup>th</sup> Feb 2015. Design has been marked up by CGrindlay & Mercury. Final design expected 27/03/2015 and thereafter BMCL will cost up. GW noted that BMCL no longer have designers that they can use freely as designers moved onto to other projects.	
			02/04/2015	GB advised that the design had been done and is out for costing. DP suggested that the cost would be available soon. The works should be more straight forward than the likes of	

				pharmacy.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015 19/02/2015 26/02/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. As above	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015  05/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works. PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters. PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss. PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed. PM advised that he had informally heard that the shelters will be available from April. PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now. PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.	



			<p>05/03/2015 requested that the programme be discussed with KC.</p> <p>12/03/2015 DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>19/03/2015 It was noted that costs are awaited.</p> <p>26/03/2015 GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>02/04/2015 GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>19/02.2015 Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>26/02/2015 GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>05/03/2015 GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>12/03/2015 DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>19/03/2015 DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>26/03/2015 DP advised that the design is due to be provided imminently.</p> <p>02/04/2015 DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015 Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015.</p> <p>19/02/2015 Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</p> <p>26/02/2015 It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not</p>	

			<p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p> <p>It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31<sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31<sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.</p> <p>DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.</p> <p>DP advised that some issues had been overcome/resolved.</p> <p>FS advised that he had provided a note the previous night with an update on the survey works for wardview. FS did not see any reason why the data/power works for the wardview could not be completed by the target date. DH noted that there is an issue re pharmacy i.e. they need to bring drugs on site early to test the robot however cant test the robot as there is no power. There was a Mercury/BMCL debate re whether needs a new distribution board. DP acknowledged that there had been a breakdown in progressing this but works are now underway to get the sketch signed off by WW and the distribution board purchased and delivered to site. It had been advised that there is a requirement for 14 additional data and 10 double powersockets which are not on the PMI. DP advised that Mercury had been advised to order up what was required and agreement re the additional items can be reached thereafter.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p> <p>DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.</p> <p>GW advised that he had a cost for the works. The costs had been split into NHS and non NHS works – the NHS works cost was circa [REDACTED]. DP advised that BMCL are continuing to progress with a programme which stays ahead of the ABrennan programme. FS advised that Crawford had noted</p>	Cross ref PMI 376

				that there is 4 weeks of work. DH advised that 4 weeks of works presents a problem. DP suggested that BMCL and NHS meet w/c 06/04/2015 so can identify if works can be done to enable to disruption to the dept opening – agree sequence of works. DP advised that BMCL will identify if any materials need to be ordered which may have a long lead time.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the “base number” i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of ‘additional’ lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the ‘extra’ lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p>	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Completion of Group 5 rooms in main Imaging Departments.</p> <p>The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.</p> <p>GW noted that costs are ongoing.</p> <p>GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though</p>	



			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
			02/05/2015	DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would need to be asked to confirm what works he had done.	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015	The Board confirm that the additional electrical works required for the Paragon installation to NCH ED & Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328	
			05/03/2015	DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.	
			12/03/2015	DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.	
			19/03/2015	DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.	
			26/03/2015	DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.	
			02/04/2015	DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.	
				This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.	



			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p>	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>Please provide cost to change names on fire alarm and nurse call from those currently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc.</p> <p>DP advised that Mercury have some queries on this which are being progressed.</p> <p>GW advised that BMCL had a preliminary cost from Mercury of [REDACTED]. GW would review this costs and confirm to the NHS asap.</p> <p>PM noted that this matter would likely become a CE.</p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	<p>10/03/2015  19/03/2015 26/03/2015 02/04/2015</p>	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury. GW noted that cost awaited from Mercury.</p> <p>DP advised that he would discuss with EMCL in order to push on the availability of the cost info.</p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	<p>10/03/2015</p>	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement</p>	

			19/03/2015	during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety.	
			26/03/2015	DP advised that he would get the works progressed. DH advised that cost info is still to be provided.	
			02/04/2015	DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed.	
			19/03/2015	GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.	
			26/03/2015	DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.	
				Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.	
			19/03/2015	GW advised that costs awaited from Mercury	
			26/03/2015	FS advised that the light removal is due to commence 27/03/2015	
			02/04/2015	FS advised that the light removal works was 50% complete however would be fully complete by cop 03/04/2015.	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002)	
			19/03/2015	GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently.	
			26/03/2015	DH suggested visiting the site with MRoss. A further review had been carried out and it was appreciated that the TCT contractor has undertaken works in 1 room. DH will provide feedback and amend the scope as necessary.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.	
				Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	
			19/03/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on	

			26/03/2015  02/04/2015	20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015. Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015.  GW advised that the cost had been uploaded to Sypro earlier that day. PM agreed to provide a CE. DP advised that he had asked Starkstrom to provide regular updates for DP and DP would forward these to PM. PM advised that Starkstrom should ignore any instruction(s) from Users, etc and to flag up any issues asap.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015  26/03/2015 02/04/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal. DH noted that he had been advised that the works have been done. It was agreed this item could be closed	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015  26/03/2015 02/04/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install. DP advised that Starkstrom are working this up – Starkstrom have been advised to finish works in 361 before commencing any other works. GW noted that costs are awaited.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015  26/03/2015  02/04/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works. DH advised that Toshiba are to receive confirmation from Japan re 56" monitor and reinstall of heads. Cost awaited from Starkstrom to change pendants. DH suggested that the theatr could be used as a hybrid in the interim but it couldn't be used as a general theatre however he suspected that the users would not agree with this. DH suggested that there may be a work-round by using an alternate theatre. DH was requested to provide DL with the contact details for the Toshiba MD. DP advised that in relation to Starkstrom a cost for the delivery and installation of every pendant was anticipated to be received later that day. A programme for the install works is awaited. DL advised that the Board needed to take form a position on 27/03/2015 and that DL needed to know the implications for that area before cop that day (26/03/2015). GW noted that costs are awaited.	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015  26/03/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works.	

3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015  26/03/2015  02/04/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms. It was noted that an indication of the timescale was to be identified. GB and PM to have a site visit. PM to liaise with MM re when service is to start.  GB advised that further to a visit to site to review the proposed works the costs are now being prepared.	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off.  FS advised that the rep has confirmed to be on site w/c 13/04/2015	
3559	PMI 368 -	REVISED ACCESS ROUTE TO ADULT HOSPITAL FROM EXISTING HOSPITAL	24/03/2015  26/03/2015  02/04/2015	Proposed new pedestrian access route to Adult Hospital main entrance from the existing hospital, to be operational from 7am Monday 30th March 2015. Please open up pedestrian route linking the existing estate to the new main entrance for the Adult Hospital, to be operational from 07.00hrs 30th March 2015. Please complete works to form crossing at A on attached sketch, and complete hoarding along route to north. FS advised that he had received feedback from WSP that it is a non-commissioned crossing so only tactile paving is required.  It was agreed this item could be closed	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.  Cross ref PMI 333	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015    02/04/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.  In parallel provide cost and timescale, desired completion by end of April 2015.  It was noted that it is WIP to price the works	

3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015  02/04/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use. It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design. GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type.	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres.	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015	Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.  Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.	
3609	PMI 374	ADULT HOSPITAL OUT PATIENTS DEPT LEVEL 1 - CONSULTING ROOM 063	07/04/2015	Please carefully remove CUP 1008 from room and make all finishes good.  Please carefully remove CUP 1008 from room and make all finishes good. CUP 1008 to be placed in basement storage room for spare materials. Please confirm cost for removal prior to 20th April 2015. Refere attached drawing.	
3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015	Please proceed and prepare base for 2 No ATM's as per attached drawing.  Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015	Proceed with works identified under PMI 347.  The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14808	CE 087	FIRE ALARM AND NURSE CALL SYSTEM NAME CHANGES	02/04/2015	Please proceed with works set out in PMI 354 to update the new names of wards on the above systems.  The cost of works confirmed as [REDACTED] inclusive of OH+P but exclusive of VAT.	
14869	CE 088	ADULT HOSPITAL THEATRES 5 & 6	13/04/2015	The Board confirm that Brookfield Multiplex should proceed with the works to alter lights and monitoring in THE-120 and THE-124 as set out in PMI 363. Please confirm programme.	
14870	CE 089	HYBRID THEATRE THE-228	13/04/2015	The Board confirm that Brookfield Multiplex should proceed with works to reconfigure pendants in the hybrid theatre as per PMI No. 364.	
14872	CE 090	CHILDREN'S HOSPITAL - GP OUT OF HOURS SERVICE RELOCATION	13/04/2015	The Board confirm Brookfield Multiplex should proceed with the works set out in PMI 366.  Agreed cost of [REDACTED] including OH+P but excluding VAT.	
14873	CE 091	INSTITUTE OVERCLADDING - BUILDING WARRANT & DETAILED DESIGN	13/04/2015	Please proceed with the next stage of work to develop the detailed design for the project and submit and secure a building warrant consent from Glasgow City Council for all the works. Work to include the construction of a sample panel for approval by the Board, location of panel to be confirmed.  Cost confirmed as [REDACTED] inclusive of OH+P but excluding VAT.	
14887	CE 092	THEATRE PENDANT ASSESSORIES	14/04/2015	The Board confirm that Brookfield Multiplex should proceed and install pendant assessories as set out and costed under PMI 361.  Agreed cost [REDACTED] inclusive of OH+P but excluding VAT.	

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) **PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) **FS advised that the tank was due on site that day (02/04/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan.(19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) **It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015)**



- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) **DP Advised that he understood that all the works had been carried out (02/04/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) **FS agreed to provide an update to PM later that day (02/04/2015)**
- Decontamination washers – DP agreed to progress the remedial works to the 'drips' at the washers. (26/03/2015) **DP advised that he understood the drips had all been fixed. (02/04/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) **JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015)**
- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as as record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015)

- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015)
- Panel (which had come loose) – PM advised that the NHS have had to do a datix report on the incident. AF advised that there is an operative onsite to check panels – the weather conditions the previous day had not allowed for checks – the works need to be carried out from a chair and it had been too windy. AF provided an overview of the panel make-up/fixing. AF noted that the extent of the issue was not known at this time and all the panels would be checked as a matter of urgency. AF had asked the French manufacturer to look at the panels. There are no marks on the face of the panel. AF would provide a schedule identifying the order of the checks. DH suggested that the initial focus should be on the faces which sustain the brunt of the weather and which ones have an interface with members of the public. AF noted that a metal panel had also been damaged and a glazed panel PM suggested that the panel is only used in 2 locations (02/04/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015)
- . PAC Screen layout – DP advised that he had got this back (02/04/2015)
- Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015)
- Ultra clean – query has been raised re pressure in that they think it should be balanced and not 35/25.
- Outward opening doors – it was noted that correspondence could not be found which advised that the doors should have been changed and it was acknowledged that it appeared odd. GB noted that the drawing had been signed off as outward facing doors and the doors had been fitted as per drawing. FS agreed to liaise with TDSL to progress this matter – 2 instances are Plaster room adult hospital and 2<sup>nd</sup> floor NCH ARU . (02/04/2015)
- EWD – DH advised that users want to fill basin and cant as there is no way to fit a plug. It was suggested that the sink was as per SHTM. DH was requested to provide the sanitary ware code and BCML would check if the grating could be changed (02/04/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 22/04/2015:



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014  08/01/2015 15/01/2015  22/01/2015  29/01/2015  05/02/2015 19/02/2015  26/02/2015  05/03/2015  12/03/2015 19/03/2015  26/03/2015 02/04/2015	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW. PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works. DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation. We are still awaiting official notification but we are putting together contingency plans never the less. This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex. DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works. DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</p> <p>DP advised that works are progressing ok. LM and JM are both advising that things are working ok and both appear to be working together to overcome any issues.</p> <p>DP advised that currently there were no issues. BMCL have been doing short orders. A short order would now need to be done to FNS and GW advised this had been done. DP suggested that this item should remain open until the training has been provided. DH noted that LM is working through the IQ and Sign-off.</p>	
24346	BMCE-EWN-000152	Hai Scribe INS Partition Works	<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015 26/03/2015</p> <p>02/04/2015</p>	<p>The NHS Project Manager for INS and the final user have requested that the works to form the INS Hai-scribe partitions are to be done outwith normal working hours. Please confirm how you wish us to proceed.</p> <p>DP advised that BMCL have carried out the works and now require a CE. PM requested that the cost for the works be provided.</p> <p>PM advised that cost is awaited so CE can be issued.</p> <p>GW advised that the costs would be provided later that day.</p> <p>GW noted that Andy had advised that he had discussed this matter with PM. GW to follow-up discussion with Andy.</p> <p>GW noted that the cost was circa [REDACTED]. GW advised that this item could be closed.</p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	BMCE have received numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.	

			<p>Text from prev Notes:  DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted as contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)</p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p> <p>GW advised that he had uploaded all the documentation to Sypro. BMCL are awaiting confirmation as to way forward/what works have to be carried out. FS noted that there will be items that will be difficult to obtain by 24<sup>th</sup> April i.e. doors. PM agreed to discuss with DL.</p> <p>PM advised that a meeting is being arranged and it had been agreed to filter out superfluous items. In general it is thought that the primary issues are in the ensuites.</p> <p>GB advised that a meeting to discuss the User comments had been held, case had been put forward, noted that visit to Skye House had been undertaken and brief prepared. A PMI was then received which instructed the way forward and install is as per PMI. Since this time users have come and requested further changes. BMCL have looked at easy fixes. Predominantly the en-suites need to be anti-lig. It had been agreed to disagree re the background. The PMI did not refer to the RFI and BMCL followed the PMI. PM advised that he proposed to confirm the NHS requirements. GB advised that MM had suggested that the dept cannot open until the works are finished and that the NCH patients are due to move in June. AF advised that BMCL would prepare a programme for the works so that BMCL can understand if can guarantee that the works can be complete before the NCH moves.</p>	
2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	<p>17/03/2015</p> <p>Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20<sup>th</sup> March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23<sup>rd</sup> April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021</p> <p>19/03/2015</p> <p>GW advised that BMCL are awaiting confirmation from the NHS re the way forward. AF suggested that BMCL should carry out trial digs so it can be identified if there is anything of consequence.</p> <p>02/04/2015</p> <p>Agreed this item should be closed as PMI 365 issued.</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p>	

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				<p>PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>26/03/2015</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>02/04/2015</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
24650	BMCE-EWN-000155	Anticipated completion date of works on PMI 347 Radio Nuclide drainage	03/04/2015	Following receipt of the programme from Crawford plumbing, works are due to commence Tuesday 7th April for 6 weeks. Therefore works will not be complete until w/c 18th May 15	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 22/04/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	<p>19/02/2015</p> <p>26/02/2015</p>	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the patress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-</p>	

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			05/03/2015	<p>off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p>	
			12/03/2015	<p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.</p>	
			19/03/2015	<p>FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p>	
			26/03/2015	<p>FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7<sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattressing issue and PM would provide this to DR for discussion with GW.</p>	



			02/04/2015	FS advised that further fittings had been agreed and were due on site on 03/04/2015 – FS would double check that there was no delay to the delivery. PM advised that Lincor is back on site and he understood that progress is ongoing. Lincor have their own PM looking after the works on site. PM advised that it would be useful to understand how the laminate will be fixed to the stud. GW advised that he had not received any Lincor cost information nor had a discussion with DR. PM advised that he would provide the cost info asap.	
24641	NHS EW 057	ADULT HOSPITAL STRUCTURAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 22/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liaise with Hugh McDermont to agree extend of works. All as discussed Paul McGuinness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re	

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			<p>services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermott to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>19/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work</p>	
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			19/03/2015	content and what is being done. GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.	
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.	
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
			22/01/2015	DMF advised this matter is going through the process.	
			29/01/2015	GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.	
			05/02/2015	PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.	
			12/02/2015	GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12 <sup>th</sup> March 2015.	
			05/03/2015	GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.	
			12/03/2015	DH noted that the retailer is doing their own warrant applications.	
			19/03/2015	GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.	
			26/03/2015	GW advised that he had received the drawing for the mop wash. PM suggested that this item had been on the tracker a long time. GW advised that GB had some queries to resolve before drawing could be prepared. The design didn't start until 19 <sup>th</sup> Feb 2015. Design has been marked up by CGrindlay & Mercury. Final design expected 27/03/2015 and thereafter BMCL will cost up. GW noted that BMCL no longer have designers that they can use freely as designers moved onto to other projects.	
			02/04/2015	GB advised that the design had been done and is out for costing. DP suggested that the cost would be available soon. The works should be more straight forward than the likes of	

				pharmacy.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015  15/01/2015 19/02/2015 26/02/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan. See above PMI 342 issued to take design forward for costing. As above	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015  05/02/2015 12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.  Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works. PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters. PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss. PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed. PM advised that he had informally heard that the shelters will be available from April. PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now. PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.	

			02/04/2015	PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CE for the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW suggested that the masterplan would need to be updated and there would be a design cost incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised that the stances do not work without the kicked out section and a drawing should be issued to GCC telling them what has been done.	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	09/02/2015  12/02/2015  19/02/2015  26/02/2015  05/03/2015  12/03/2015 19/03/2015  26/03/2015	Relocate lighting column to avoid bus stop.  The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing. PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works. PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move. PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works. PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide. PM advised that an amendment would be advised via a separate PMI. It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested. PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015  26/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building. GW advised this is WIP to obtain costs. Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution. GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL	

			<p>05/03/2015 requested that the programme be discussed with KC.</p> <p>12/03/2015 DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>19/03/2015 It was noted that costs are awaited.</p> <p>26/03/2015 GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>02/04/2015 GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>19/02.2015 Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>26/02/2015 GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>05/03/2015 GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>12/03/2015 DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>19/03/2015 DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>26/03/2015 DP advised that the design is due to be provided imminently.</p> <p>02/04/2015 DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p>	
3390	PMI 344	Additional Power & Data	<p>17/02/2015 Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31<sup>st</sup> March 2015.</p> <p>19/02/2015 Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.</p> <p>26/02/2015 It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31<sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not</p>	



			<p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>costed for the works on the basis of completing the works by 31<sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31<sup>st</sup> March deadline will be achieved.</p> <p>GW advised that the original costs were based on BMCL aiming for 31<sup>st</sup> March completion not guaranteeing 31<sup>st</sup> March completion. A guaranteed 31<sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.</p> <p>It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31<sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31<sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.</p> <p>DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.</p> <p>DP advised that some issues had been overcome/resolved.</p> <p>FS advised that he had provided a note the previous night with an update on the survey works for wardview. FS did not see any reason why the data/power works for the wardview could not be completed by the target date. DH noted that there is an issue re pharmacy i.e. they need to bring drugs on site early to test the robot however cant test the robot as there is no power. There was a Mercury/BMCL debate re whether needs a new distribution board. DP acknowledged that there had been a breakdown in progressing this but works are now underway to get the sketch signed off by WW and the distribution board purchased and delivered to site. It had been advised that there is a requirement for 14 additional data and 10 double powersockets which are not on the PMI. DP advised that Mercury had been advised to order up what was required and agreement re the additional items can be reached thereafter.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p> <p>DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.</p> <p>GW advised that he had a cost for the works. The costs had been split into NHS and non NHS works – the NHS works cost was circa [REDACTED]. DP advised that BMCL are continuing to progress with a programme which stays ahead of the ABrennan programme. FS advised that Crawford had noted</p>	Cross ref PMI 376



				that there is 4 weeks of work. DH advised that 4 weeks of works presents a problem. DP suggested that BMCL and NHS meet w/c 06/04/2015 so can identify if works can be done to enable to disruption to the dept opening – agree sequence of works. DP advised that BMCL will identify if any materials need to be ordered which may have a long lead time.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the “base number” i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of ‘additional’ lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the ‘extra’ lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p>	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Completion of Group 5 rooms in main Imaging Departments.</p> <p>The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.</p> <p>GW noted that costs are ongoing.</p> <p>GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though</p>	

			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
			02/05/2015	DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would need to be asked to confirm what works he had done.	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015	The Board confirm that the additional electrical works required for the Paragon installation to NCH ED & Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328	
			05/03/2015	DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.	
			12/03/2015	DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.	
			19/03/2015	DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.	
			26/03/2015	DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.	
			02/04/2015	DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.	
				This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.	

			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p>	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p>	<p>Please provide cost to change names on fire alarm and nurse call from those currently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc.</p> <p>DP advised that Mercury have some queries on this which are being progressed.</p> <p>GW advised that BMCL had a preliminary cost from Mercury of [REDACTED]. GW would review this costs and confirm to the NHS asap.</p> <p>PM noted that this matter would likely become a CE.</p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	<p>10/03/2015  19/03/2015 26/03/2015 02/04/2015</p>	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury. GW noted that cost awaited from Mercury.</p> <p>DP advised that he would discuss with EMCL in order to push on the availability of the cost info.</p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	<p>10/03/2015</p>	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement</p>	

			19/03/2015	during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety.	
			26/03/2015	DP advised that he would get the works progressed. DH advised that cost info is still to be provided.	
			02/04/2015	DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed.	
			19/03/2015	GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.	
			26/03/2015	DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.	
				Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.	
			19/03/2015	GW advised that costs awaited from Mercury	
			26/03/2015	FS advised that the light removal is due to commence 27/03/2015	
			02/04/2015	FS advised that the light removal works was 50% complete however would be fully complete by cop 03/04/2015.	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002)	
			19/03/2015	GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently.	
			26/03/2015	DH suggested visiting the site with MRoss. A further review had been carried out and it was appreciated that the TCT contractor has undertaken works in 1 room. DH will provide feedback and amend the scope as necessary.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.	
				Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	
			19/03/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on	

			26/03/2015  02/04/2015	20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015. Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015.  GW advised that the cost had been uploaded to Sypro earlier that day. PM agreed to provide a CE. DP advised that he had asked Starkstrom to provide regular updates for DP and DP would forward these to PM. PM advised that Starkstrom should ignore any instruction(s) from Users, etc and to flag up any issues asap.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015  26/03/2015 02/04/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal. DH noted that he had been advised that the works have been done. It was agreed this item could be closed	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015  26/03/2015 02/04/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install. DP advised that Starkstrom are working this up – Starkstrom have been advised to finish works in 361 before commencing any other works. GW noted that costs are awaited.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015  26/03/2015  02/04/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works. DH advised that Toshiba are to receive confirmation from Japan re 56" monitor and reinstall of heads. Cost awaited from Starkstrom to change pendants. DH suggested that the theatr could be used as a hybrid in the interim but it couldn't be used as a general theatre however he suspected that the users would not agree with this. DH suggested that there may be a work-round by using an alternate theatre. DH was requested to provide DL with the contact details for the Toshiba MD. DP advised that in relation to Starkstrom a cost for the delivery and installation of every pendant was anticipated to be received later that day. A programme for the install works is awaited. DL advised that the Board needed to take form a position on 27/03/2015 and that DL needed to know the implications for that area before cop that day (26/03/2015). GW noted that costs are awaited.	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015  26/03/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works.	

3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015  26/03/2015  02/04/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms. It was noted that an indication of the timescale was to be identified. GB and PM to have a site visit. PM to liaise with MM re when service is to start.  GB advised that further to a visit to site to review the proposed works the costs are now being prepared.	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off.  FS advised that the rep has confirmed to be on site w/c 13/04/2015	
3559	PMI 368 -	REVISED ACCESS ROUTE TO ADULT HOSPITAL FROM EXISTING HOSPITAL	24/03/2015  26/03/2015  02/04/2015	Proposed new pedestrian access route to Adult Hospital main entrance from the existing hospital, to be operational from 7am Monday 30th March 2015. Please open up pedestrian route linking the existing estate to the new main entrance for the Adult Hospital, to be operational from 07.00hrs 30th March 2015. Please complete works to form crossing at A on attached sketch, and complete hoarding along route to north. FS advised that he had received feedback from WSP that it is a non-commissioned crossing so only tactile paving is required.  It was agreed this item could be closed	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.  Cross ref PMI 333	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015    02/04/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.  In parallel provide cost and timescale, desired completion by end of April 2015.  It was noted that it is WIP to price the works	



3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015  02/04/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use. It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design. GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type.	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres.	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015	Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.  Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.	
3609	PMI 374	ADULT HOSPITAL OUT PATIENTS DEPT LEVEL 1 - CONSULTING ROOM 063	07/04/2015	Please carefully remove CUP 1008 from room and make all finishes good.  Please carefully remove CUP 1008 from room and make all finishes good. CUP 1008 to be placed in basement storage room for spare materials. Please confirm cost for removal prior to 20th April 2015. Refere attached drawing.	
3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015	Please proceed and prepare base for 2 No ATM's as per attached drawing.  Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015	Proceed with works identified under PMI 347.  The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.	



3654	PMI 377	RAG 032/RCG 082 - Additional OUT131	16/04/2015	The Board request an additional OUT131 to the control desk trunking adjacent to wall end in each of the following rooms for connection of OPT XRay equipment: RAG - 032 RCG - 082 Cost to be allocated to the contingency of PMI 328.	
3662	PMI 378 -	Steel Frame Supports - CT rooms	20/04/2015	Please provide 2no. steel frame supports for injectors in ground floor CT Rooms installed with fixing plates 100mm above suspended ceiling	
3663	PMI 379	ENERGY CENTRE - FLUE GAS EMISSIONS MONITORING	20/04/2015	Please proceed and accept quotation from TUV SUD - NEL to install emissions monitoring sensors as detailed in quotation reference NEL - 11851.  Additional instruction 22/4/15 - Supply and install sockets within 7 @ boiler flues and 3 @ CHP flues to facilitate emissions testing.	
3667	PMI 380	ADDITIONAL POWER & DATA PART 2	21/04/2015	The Board confirm that Brookfield Multiplex should supply and install the undernoted items to be in part associated with PMI 328.  Ref J Bailey email to C&B 14.04.15 - confirm removal of light fittings contained within PMI 328. In conjunction with install of Pharmacy robot - relocate 3 No sprinkler heads and 1 No radiant panel. Also in Pharmacy per discussion with Malcolm Ross and P Moir 21.04.15 install section of pharmacy worktop 2m long by standard width, with 2m of plastic dado trunking linked to power pole from floor to ceiling. Worktop to accommodate 4 work stations, each work station to have 2@ twin 13a socket outlets and 1@ double data outlet, mounted on the plastic dado trunking.  In summary a total number of sockets are; Data - 4@double data Power - 8@twin 13am socket outlets  Dado trunking and worktop to be sealed all round with white silicone, worktop to sit on white metal lab style legs.  Please proceed with works as quickly as possible.	
3679	PMI 381	ARRIVAL SQUARE - 4 No. BUS CAGES (WHITE LINING)	22/04/2015	BMCE are instructed to mark out 4 bus cages as per the attached drawing, to include the names bus stance and individual bus cages.	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015	Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.  Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head,	

				articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14808	CE 087	FIRE ALARM AND NURSE CALL SYSTEM NAME CHANGES	02/04/2015	Please proceed with works set out in PMI 354 to update the new names of wards on the above systems.  The cost of works confirmed as [REDACTED] inclusive of OH+P but exclusive of VAT.	20/04/2015
14869	CE 088	ADULT HOSPITAL THEATRES 5 & 6	13/04/2015	The Board confirm that Brookfield Multiplex should proceed with the works to alter lights and monitoring in THE-120 and THE-124 as set out in PMI 363. Please confirm programme.	22/04/2015
14870	CE 089	HYBRID THEATRE THE-228	13/04/2015	The Board confirm that Brookfield Multiplex should proceed with works to reconfigure pendants in the hybrid theatre as per PMI No. 364.	22/04/2015
14872	CE 090	CHILDREN'S HOSPITAL - GP OUT OF HOURS SERVICE RELOCATION	13/04/2015	The Board confirm Brookfield Multiplex should proceed with the works set out in PMI 366.  Agreed cost of [REDACTED] including OH+P but excluding VAT.	20/04/2015
14873	CE 091	INSTITUTE OVERCLADDING - BUILDING WARRANT & DETAILED DESIGN	13/04/2015	Please proceed with the next stage of work to develop the detailed design for the project and submit and secure a building warrant consent from Glasgow City Council for all the works. Work to include the construction of a sample panel for approval by the Board, location of panel to be confirmed.  Cost confirmed as [REDACTED] inclusive of OH+P but excluding VAT.	20/04/2015
14887	CE 092	THEATRE PENDANT ASSESSORIES	14/04/2015	The Board confirm that Brookfield Multiplex should proceed and install pendant accessories as set out and costed under PMI 361.  Agreed cost [REDACTED] inclusive of OH+P but excluding VAT.	20/04/2015
14984	CE 093	ADULT HOSPITAL - RETAIL FIT OUT ADDITIONAL SERVICES (M&S + WHS)	22/04/2015	BMCE are instructed to proceed with the M&E services associated with the Board's retail fit out, as set out and priced in PMI 325 & 326.	

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) **PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) **FS advised that the tank was due on site that day (02/04/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan.(19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) **It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) **DP Advised that he understood that all the works had been carried out (02/04/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) **FS agreed to provide an update to PM later that day (02/04/2015)**
- Decontamination washers – DP agreed to progress the remedial works to the 'drips' at the washers. (26/03/2015) **DP advised that he understood the drips had all been fixed. (02/04/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) **JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015)**
- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as as record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015)



- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015)
- Panel (which had come loose) – PM advised that the NHS have had to do a datix report on the incident. AF advised that there is an operative onsite to check panels – the weather conditions the previous day had not allowed for checks – the works need to be carried out from a chair and it had been too windy. AF provided an overview of the panel make-up/fixing. AF noted that the extent of the issue was not known at this time and all the panels would be checked as a matter of urgency. AF had asked the French manufacturer to look at the panels. There are no marks on the face of the panel. AF would provide a schedule identifying the order of the checks. DH suggested that the initial focus should be on the faces which sustain the brunt of the weather and which ones have an interface with members of the public. AF noted that a metal panel had also been damaged and a glazed panel PM suggested that the panel is only used in 2 locations (02/04/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015)
- . PAC Screen layout – DP advised that he had got this back (02/04/2015)
- Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015)
- Ultra clean – query has been raised re pressure in that they think it should be balanced and not 35/25.
- Outward opening doors – it was noted that correspondence could not be found which advised that the doors should have been changed and it was acknowledged that it appeared odd. GB noted that the drawing had been signed off as outward facing doors and the doors had been fitted as per drawing. FS agreed to liaise with TDSL to progress this matter – 2 instances are Plaster room adult hospital and 2<sup>nd</sup> floor NCH ARU . (02/04/2015)
- EWD – DH advised that users want to fill basin and cant as there is no way to fit a plug. It was suggested that the sink was as per SHTM. DH was requested to provide the sanitary ware code and BCML would check if the grating could be changed (02/04/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 29/04/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW. PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works. DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
24309	BMCE-EWN-000151	Mach Aire Limited Liquidation	<p>24/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p>	<p>It has come to our attention that Mach-Aire Limited, the company sub-contracted to Brookfield Multiplex to provide the aseptic suite, has gone into liquidation. We are still awaiting official notification but we are putting together contingency plans never the less. This plan will be communicated to the board in due course.</p> <p>The board are to wait on further information and contingency planning from Brookfield Multiplex. DP advised that there had been a joint meeting. JMiller had provided an updated list of works to be completed and DP would provide a copy to PM. BMCL will continue to work together to keep LM satisfied. The list shows the outstanding works, action plan for works, timescales and includes what BMCL have ordered, etc. Alternate routes to contractors had been used. A route/mechanism to get info currently with validair required to be identified. BMCL were mitigating risks in order to keep the programme on track.</p> <p>DP advised that the H&amp;V items have been progressed and are on route to be fitted. Validair are still working away but it was expected that there will become a point when they enquire about getting paid. BMCL trying to identify a mechanism for BMCL to contract with/pay Validair. GW is going to check what BMCL still have in their budget for payment to Machaire and use this money to cover the validair works. BMCL can identify what is left after any payment due to the liquidator. Validair would need to contract with the NHS re maintenance therefore it may be necessary to ask the NHS to contract with Validair for the completion of the Validair works. It was thought that the cabinet training could be resolved. GW noted that BMCL could do short orders as long as BMCL can contract with the company.</p> <p>DP advised that BMCL proposed to raise short orders for works so as not to cause any delay to the works. DP advised that JMiller and LMorrison continue to work together. BMCL are doing short work orders to keep the works progressing. There needs to be a short work order done with Validair. GW suggested that the short work order with validair is in the process of being done.</p> <p>DP advised that works are progressing ok. LM and JM are both advising that things are working ok and both appear to be working together to overcome any issues.</p> <p>DP advised that currently there were no issues. BMCL have been doing short orders. A short order would now need to be done to FNS and GW advised this had been done. DP suggested that this item should remain open until the training has been provided. DH noted that LM is working through the IQ and Sign-off.</p> <p><b>It was agreed that this item could be closed.</b></p>	
24484	BMCE-EWN-000153	DCFP user requested changes	11/03/2015	<p>BMCE have received numerous requested changes to the installed works to the DCFP area which are contrary to the signed off RDD drawing works. The last iteration of change following DCFP user visit on 27th Feb 15 is captured on the attached document. BMCE comments are also attached, per room, to this document.</p> <p><i>Text from prev Notes:</i>  DCFP – AF advised that he had discussed with MMacleod the matters in the report. Covers would be put on the nurse call, the turn buttons would be changed. AF noted that one of the doors needs to change from a single door to door &amp; half so can get a bed in. DH advised that this relates to a ward. AF noted that the doors were all signed off and that he would need to check the drawings. AF advised that he would check if there is a set of doors on site. AF advised that he had no issues re the changes listed on the understanding that the list does not grow. (29/01/2015) FS advised that some work is significant and that MM was going to organize a meeting with the Users. The list appears to be a cross match of anti-lig and</p>	



			<p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p>	<p><i>non anti-lig items. (05/02/2015) No further progress MMCL to action meeting with user group. (19/02/2015). FS advised that the requirements have been changed again i.e now asked for fully lig in bathroom. FS acknowledged that the taps in the ensuite are an issue and would need to be changed however everything else was fitted at contracted to do so. DH enquired if there had been a legislation change. PM agreed to raise an EW (05/03/2015)</i></p> <p>Noted that there have been a number of iterations in the fir-out of DCFP however GB is adamant that everything has been fitted as contracted to do so. Users want changes and there are no quick fixes. FS, DH GB and PM to discuss. FS acknowledged that there are legislation changes however it would appear that the users are trying to get their new changes also done.</p> <p>GW advised that he had uploaded all the documentation to Sypro. BMCL are awaiting confirmation as to way forward/what works have to be carried out. FS noted that there will be items that will be difficult to obtain by 24<sup>th</sup> April i.e. doors. PM agreed to discuss with DL.</p> <p>PM advised that a meeting is being arranged and it had been agreed to filter out superfluous items. In general it is thought that the primary issues are in the ensuites.</p> <p>GB advised that a meeting to discuss the User comments had been held, case had been put forward, noted that visit to Skye House had been undertaken and brief prepared. A PMI was then received which instructed the way forward and install is as per PMI. .Since this time users have come and requested further changes. BMCL have looked at easy fixes. Predominantly the en-suites need to be anti-lig. It had been agreed to disagree re the background. The PMI did not refer to the RFI and BMCL followed the PMI. PM advised that he proposed to confirm the NHS requirements. GB advised that MM had suggested that thedept cannot open until the works are finished and that the NCH patients are due to move in June. AF advised that BMCL would prepare a programme for the worksso that BMCL can understand if can guarantee that the works can be complete before the NCH moves.</p> <p><b>It was agreed this item could be closed as dealt with under PMI 373</b></p>	
2452 1	BMC-EWN-000154	INS - Relocation of Underground Services	<p>17/03/2015</p> <p>19/03/2015</p> <p>02/04/2015</p>	<p>Please confirm intent to issue PMI to cover works relating to the relocation of underground services to allow the piling / substructure works for the INS entrance to proceed. This PMI requires to be issued by Friday 20th March 2015 if the current programme is to be maintained. If these works are to be carried out by another party we will vacate the site from 23rd April for a period of 4 weeks as shown on programme BM-GS4-TN02-0021</p> <p>GW advised that BMCL are awaiting confirmation from the NHS re the way forward. AF suggested that BMCL should carry out trial digs so it can be identified if there is anything of consequence.</p> <p><b>Agreed this item should be closed as PMI 365 issued.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have</p>	

			<p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p>	<p>been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
24650	BMCE-EWN-000155	Anticipated completion date of works on PMI 347 Radio Nuclide drainage	<p>03/04/2015</p> <p>23/4/2015</p>	<p>Following receipt of the programme from Crawford plumbing, works are due to commence Tuesday 7th April for 6 weeks. Therefore works will not be complete until w/c 18th May 15</p> <p>FS advised that the works are ongoing. DL noted that SEPA are scheduled to visit the site early w/c 27/04 and this was an area that they would look at. FS suggested that it would take circa 2 weeks to complete this area once the materials are onsite.</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 29/04/2015

							
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are</p>			


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			<p>12/03/2015</p> <p>happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p> <p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft when he will be onsite and will link in with FS.</p> <p>19/03/2015</p> <p>FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level1 &amp; 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&amp;power larger and this will be covered by a shroud in any case.</p> <p>26/03/2015</p> <p>FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7<sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattressing issue and PM would provide this to DR for discussion with GW.</p> <p>02/04/2015</p> <p>FS advised that further fittings had been agreed and were due on site on 03/04/2015 – FS would double check that there was no delay to the delivery. PM advised that Lincor is back on site and he understood that progress is ongoing. Lincor have their own PM looking after the works on site. PM advised that it</p>	
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			23/4/2015	would be useful to understand how the laminate will be fixed to the stud. GW advised that he had not received any Lincor cost information nor had a discussion with DR. PM advised that he would provide the cost info asap. PM advised that the Lincor Project Manager is advising that they are to due complete the following day 24/04/2015.	
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established. AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 29/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014  23/10/2014 30/10/2014 13/11/2014 20/11/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p> <p>PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.</p> <p>DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.</p> <p>DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.</p> <p>DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1<sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re</p>	

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			<p>services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermott to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.</p> <p>27/11/2014 AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.</p> <p>04/12/2014 AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).</p> <p>11/12/2014 DH advised that there had been a suspicion of there being a 2<sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.</p> <p>08/01/2015 DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>19/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work</p>	
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			19/03/2015	content and what is being done. GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.	
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.	
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.	
			23/4/2015	PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.	
3276	PMI 325 -	Retail Fit out - Additional M&E Services - M&S	14/01/2015	Grocery Storage Unit Please provide quotation for the installation of the following: 1. 63amp three phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	It was enquired if the works were to the storage bases into the unit. DL advised that GF needs to formally confirm that the costs will be charged to the companies. AF enquired about the timescale for the works and DL advised that the units need to be operational for the hospitals opening.	
			22/01/2015	DMF advised this matter is going through the process.	
			29/01/2015	GW advised that he had asked WW for an indication of design so can provide a cost. BMCL are chasing WW for a response.	
			05/02/2015	PM advised that GF is picking up BMCL RFI queries. DL noted that he has advised that charges should be paid by the retailers. PM acknowledged receiving the information re WW design fees.	
			12/02/2015	GW advised that price has been provided for design fees and way forward to be confirmed so that can instruct design. PM agreed to confirm the way forward. GW noted that the design fee was circa [REDACTED]	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	GW advised that that design is due back in w/c 02/03/2015. DP noted that he thought that the NHS wanted the space cleared by 12 <sup>th</sup> March 2015.	
			05/03/2015	GW advised that the design is due to be received back to BMCL by cop 06/03/2015. Once received BMCL would cost up.	
			12/03/2015	DH noted that the retailer is doing their own warrant applications.	
			19/03/2015	GW advised that BMCL have sent queries to WW. DP noted that CGrindlay is trying to push on the costing.	
			26/03/2015	GW advised that he had received the drawing for the mop wash. PM suggested that this item had been on the tracker a long time. GW advised that GB had some queries to resolve before drawing could be prepared. The design didn't start until 19 <sup>th</sup> Feb 2015. Design has been marked up by CGrindlay & Mercury. Final design expected 27/03/2015 and thereafter BMCL will cost up. GW noted that BMCL no longer have designers that they can use freely	

			02/04/2015	as designers moved onto to other projects. GB advised that the design had been done and is out for costing. DP suggested that the cost would be available soon. The works should be more straight forward than the likes of pharmacy.	
			22/04/2015	It was agreed that this item could be closed as CE 093 deals with this item.	
3277	PMI 326	Retail Fit out - additional M&E services - WHS	14/01/2015	Newsagent Storage Unit Please provide quotation for the installation of the following: 1. 63amp single phase electrical supply 2. a ventilation stub 3. a sprinkler supply As per locations indicated on attached plan.	
			15/01/2015	See above	
			19/02/2015	PMI 342 issued to take design forward for costing.	
			26/02/2015	As above	
			22/04/2015	It was agreed that this item could be closed as CE 093 deals with this item.	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.  The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.	
			05/02/2015	Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
			12/02/2015	PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.	
			19/02/2015	PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.	
			26/02/2015	PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015	
			05/03/2015	PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.	
			12/03/2015	PM advised that he had informally heard that the shelters will be available from April.	
			19/03/2015	PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then	



			<p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p>	<p>PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.</p> <p>PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.</p> <p>PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CE for the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW suggested that the masterplan would need to be updated and there would be a design cost incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised that the stances do not work without the kicked out section and a drawing should be issued to GCC telling them what has been done.</p> <p>PM advised that he had met on site the previous day with Trueform. An alternate plan is being worked through which would mean that there may be less granite to be lifted. PM is liaising with PMc and PMc is liaising with Land Eng. GW npted that BMCL would need to do a revised Land Eng cost PM advised that different stances would need different amounts of granite lifted – some less/some more and suggested that the cost be left as is for now and once the works are complete final cost can be identified. The costs for the sharks fin and light column were to be rolled into one CE.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>PM advised that an amendment would be advised via a separate PMI.</p> <p>It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p>	

3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p>	<p>The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A. Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p> <p>GW advised this is WIP to obtain costs.</p> <p>Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution.</p> <p>GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</p> <p>DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.</p> <p>DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>It was noted that costs are awaited.</p> <p>GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p> <p>FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p>	

			12/03/2015	DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.	
			19/03/2015	DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015	
			26/03/2015	DP advised that the design is due to be provided imminently.	
			02/04/2015	DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.	
			22/04/2015	PM and DL to discuss/agree the way forward asap.	
3390	PMI 344	Additional Power & Data	17/02/2015	Please proceed with works to install additional power and data outlets as set out in PMI 328, works to be complete by 31 <sup>st</sup> March 2015.	
			19/02/2015	Discussed under PMI 328. PMI 328 will be closed and any issues discussed under PMI 344 before CE issued.	
			26/02/2015	It was noted that DH has agreed an order of priority and DH to lead for NHS re order. PM enquired about the programme noting that it is still on programme but was understood that programme is tight. DP advised that BMCL are endeavoring to get all done by 31 <sup>st</sup> March 2015 however a discussion with the NHS would need to be had. DL advised that the points for wardview is of particular concern. DL noted that the NHS need to ensure that they achieve cashflow. PM advised that he would be happy to formalize the list if required and this was requested. DL advised that this is a key piece of work as the wards won't work without wardview. GW noted that the PMI had not costed for the works on the basis of completing the works by 31 <sup>st</sup> March 2015 and to achieve this date would require weekend/extended working/additional resource which was an additional cost. DL advised that if the NHS are to cover the additional cost of extended working then BMCL must guarantee that the 31 <sup>st</sup> March deadline will be achieved.	
			05/03/2015	GW advised that the original costs were based on BMCL aiming for 31 <sup>st</sup> March completion not guaranteeing 31 <sup>st</sup> March completion. A guaranteed 31 <sup>st</sup> March completion would need to be resourced differently. DP agreed to identify the current status. PM agreed to liaise with MR. GW noted that he had been advised of clashes on site and areas that access is difficult.	
			12/03/2015	It was noted that Building Warrant is needed. GW suggested that the PMI remains on the tracker and BMCL will advise when the programme requires weekend working. AFD suggested that the weekend working for the joiner should be instructed. DH suggested that ops on site were advising that completion of the works before 31 <sup>st</sup> March will not be an issue. FS suggested that achieving completion of the works by 31 <sup>st</sup> March 2015 will be tight. AF advised that weekend working should be instructed.	
			19/03/2015	DP noted that so far the works are progressing satisfactorily. DP will provide an update w/c 23/03/2015. GW advised that GB is looking at BW – been advised that BW is not needed for data but is needed for power.	
			26/03/2015	DP advised that some issues had been overcome/resolved.	
			02/04/2015	FS advised that he had provided a note the previous night with an update on the survey works for wardview. FS did not see any reason why the data/power works for the wardview could not be completed by the target date. DH noted that there is an issue re pharmacy i.e. they need to bring drugs on site early to test the robot however cant test the robot as there is no power. There was a Mercury/BMCL debate re whether needs a new distribution board. DP acknowledged that there had been a breakdown in progressing this but works are now underway to get the sketchsigned off by WW and the distribution board purchased and delivered to site. It had been advised that there is a	

			22/04/2015	<p>requirement for 14 additional data and 10 double power sockets which are not on the PMI. DP advised that Mercury had been advised to order up what was required and agreement re the additional items can be reached thereafter.</p> <p>GW noted that the PMI could be closed. BMCL were working in line with the order of the NHS requirements. There had been no claims as yet for additional/weekend working. Item closed.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p>	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p> <p>DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.</p> <p>GW advised that he had a cost for the works. The costs had been split into NHS and non NHS works – the NHS works cost was circa [REDACTED]. DP advised that BMCL are continuing to progress with a programme which stays ahead of the ABrennan programme. FS advised that Crawford had noted that there is 4 weeks of work. DH advised that 4 weeks of works presents a problem. DP suggested that BMCL and NHS meet w/c 06/04/2015 so can identify if works can be done to enable to disruption to the dept opening – agree sequence of works. DP advised that BMCL will identify if any materials need to be ordered which may have a long lead time.</p> <p>PM advised that this would be concluded once DH returned from leave. GW advised that for the BMCL accounting system ideally this needed to be concluded by tomorrow. PM agreed to issue a CE to the value of [REDACTED].</p>	Cross ref PMI 376
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p>	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with</p>	

			19/03/2015	NHS re number of lines is required. GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.	
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.	
			02/04/2015	DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.	
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015	Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.	
			26/02/2015	The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.	
			05/03/2015	GW noted that costs are ongoing. GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though	
			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
			02/05/2015	DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would	

			22/04/2015	<p>need to be asked to confirm what works he had done.</p> <p>GW advised that the painting information had been rechecked as being correct. Tge flooring information was to be revised circa [REDACTED] to be reduced to [REDACTED]. GW suggested that a CE to the value of [REDACTED] should be provided. PM agreed to liaise with DH on his return from leave and to issue the CE on 27/28<sup>th</sup> April.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	<p>04/03/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p>	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p> <p>DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.</p> <p>DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p> <p>DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.</p> <p>DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.</p> <p>DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.</p> <p>FS advised that the power was in however he would need to check about the data. GW noted that this was being financed through the contingency sum and that he was not expecting a CE for this item.</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff</p>	



			05/03/2015 19/03/2015 26/03/2015 02/04/2015  22/04/2015	working on the other side of these walls. GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc. GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap. PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel.	
3469	PMI 354	ADULT & CHILDREN'S HOSPITAL WARD NAMES ON SYSTEMS	05/03/2015  19/03/2015 26/03/2015  02/04/2015 22/04/2015	Please provide cost to change names on fire alarm and nurse call from those currently on systems based on Nightingale drawings, to actual ward names e.g. Ward 4A; Ward 4B etc. DP advised that Mercury have some queries on this which are being progressed. GW advised that BMCL had a preliminary cost from Mercury of [REDACTED]. GW would review this costs and confirm to the NHS asap. PM noted that this matter would likely become a CE. It was agreed this item could be closed – cross reference CE 087. FS advised that works had started and would take circa 2 weeks.	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	10/03/2015   19/03/2015 26/03/2015 02/04/2015 22/04/2015	The Board request a quotation for the following elements of work associated with the Fire Suppression System. • Drain down of system to allow connection of Tenants' system and associated refilling. • Final commissioning of the Tenants Fire Suppression system into the main Hospital network. GW noted that cost awaited from Mercury. GW noted that cost awaited from Mercury. DP advised that he would discuss with EMCI in order to push on the availability of the cost info. GW advised that costs had been uploaded to Sypro the previous day. PM advised that he would issue a CE asap.	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	10/03/2015          19/03/2015  26/03/2015	The Board request a quotation & programme (high level) to provide (renal quality) mains cold water supplies & outlets suitable for direct connection of single RO Units in the following rooms: * RENW - 019 * RENW - 021 * RENW - 025 * RENW - 026 * RENW - 030 * RENW - 032 The supplies should be located so that other related services such as power & earth connections can be used in conjunction.  These water supplies are intended to act as contingency in the event of urgent dialysis requirement during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety. DP advised that he would get the works progressed. DH advised that cost info is still to be	



			02/04/2015 22/04/2015	provided. DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap. FS advised that there is a VE option that is complaint and a cost is awaited for this.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed. GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works. DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury. GW advised that the cost had been uploaded to Sypro earlier that day. PM advised that the PMI to be cancelled as NHS not proceeding with this item.	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.  Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002. GW advised that costs awaited from Mercury FS advised that the light removal is due to commence 27/03/2015 FS advised that the light removal works was 50% complete however would be fully complete by cop 03/04/2015. It was agreed this item could be closed. Lights being installed to the correct height. GW advised that there are areas where it would not have mattered the lights had been fitted as they would now have clashed with the patient entertainment.	
3517	PMI 360 -	M&E Services Alterations to TCT within Schiehallion	16/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015	The Board request a quotation and high level programme for the M&E services alterations within the Teenage Cancer Trust area of the Schiehallion Ward as per the attached drawings. Works to include: * Additional data, power and HDMI outlets to multiple rooms and additional domestic hot & cold water supplies and drainage connections in: - Patent (school) room (SCH-077) - Recreation Lounge (SCH - 002) GW noted that this matter would require a Building Warrant. GW suggested that there is quite a lot of work involved in this matter. DH acknowledged that it was a shell with a drainage tail. It was noted that the cost information is required urgently. DH suggested visiting the site with MRoss. A further review had been carried out and it was appreciated that the TCT contractor has undertaken works in 1 room. DH will provide feedback and amend the scope as necessary. GW advised that the cost had been uploaded to Sypro earlier that day. Item closed – cross reference with CE 092	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.  Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	

			19/03/2015  26/03/2015  02/04/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on 20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015. Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015. GW advised that the cost had been uploaded to Sypro earlier that day. PM agreed to provide a CE. DP advised that he had asked Starkstrom to provide regular updates for DP and DP would forward these to PM. PM advised that Starkstrom should ignore any instruction(s) from Users, etc and to flag up any issues asap.	
3530	PMI 362	Removal of Upper Storage Unit- OPD1 - 048	18/03/2015  26/03/2015 02/04/2015 22/04/2015	The Board request a quotation for the removal of 1 x STF 270L wall mounted storage unit in OPD1 - 048. Wall finishes to be made good following removal. DH noted that he had been advised that the works have been done. It was agreed this item could be closed It was noted that the works are being carried out.	
3540	PMI 363	ADULT HOSPITAL - THEATRES 5 & 6	20/03/2015  26/03/2015  02/04/2015 22/04/2015	Please provide cost and timescale to undertake the following adaptations to the lights in both theatres. The Board request a quotation for alteration of theatre surgical lights/monitoring in THE-120 and THE-124 where the existing single operating light (LIG-1001) should be replaced with the standard LIG-1010 arrangement (triple arm) made up of 2 No. surgeons lights and 1 No. monitor. The AV wiring related to this alteration is instructed previously. Please confirm timescale to procure and install. DP advised that Starkstrom are working this up – Starkstrom have been advised to finish works in 361 before commencing any other works. GW noted that costs are awaited. It was agreed this item could be closed – cross reference CE 088. FS advised that Mercury had been instructed to carry out the works.	
3541	PMI 364	HYBRID THEATRE THE-228	20/03/2015  26/03/2015  02/04/2015 22/04/2015	Please provide a cost to swap the position of pendants and the removal of a monitor arm. The Board request a quotation for the swapping of anaesthetic and surgical pendants in 'hybrid' theatre THE-228 including the removal of the monitor arm from the surgical pendant. The quotation should include all associated works to medical gas systems, electrical and data installations and if necessary, fabric alterations. Please also provide a timescale for the proposed works. DH advised that Toshiba are to receive confirmation from Japan re 56" monitor and reinstall of heads. Cost awaited from Starkstrom to change pendants. DH suggested that the theatre could be used as a hybrid in the interim but it couldn't be used as a general theatre however he suspected that the users would not agree with this. DH suggested that there may be a work-round by using an alternate theatre. DH was requested to provide DL with the contact details for the Toshiba MD. DP advised that in relation to Starkstrom a cost for the delivery and installation of every pendant was anticipated to be received later that day. A programme for the install works is awaited. DL advised that the Board needed to take form a position on 27/03/2015 and that DL needed to know the implications for that area before cop that day (26/03/2015). GW noted that costs are awaited. It was agreed this item could be closed – cross reference CE 089. FS advised that Mercury had	

				been instructed to carry out the works.	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015  26/03/2015 22/04/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works. GW advised that the costs would be discussed on the basis of the actual works carried out.	
3552	PMI 366	CHILDREN'S HOSPITAL - PROPOSED RELOCATION OF GP OOH SERVICE	23/03/2015  26/03/2015  02/04/2015  22/04/2015	Please provide a cost and timescale to undertake the works on the attached documentation. Please provide cost and timescale to undertake the works to relocate the GP Out of Hours service from Clinic 4 to Clinic 1. The work involves the construction of a stud wall and provision of a single leaf door to a reception area and the provision of additional power and data sockets in 7 rooms. It was noted that an indication of the timescale was to be identified. GB and PM to have a site visit. PM to liaise with MM re when service is to start. GB advised that further to a visit to site to review the proposed works the costs are now being prepared. It was agreed this item could be closed – cross reference CE 090. FS noted that power and data may be an issue. The partition and door will hopefully be completed by the end of the following week.	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015 22/04/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off. FS advised that the rep has confirmed to be on site w/c 13/04/2015 FS advised that the glass had been replaced. GW noted that the costs are awaited from Henshaw.	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015 22/04/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance. Cross ref PMI 333 PM noted that the works had been done.	

3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015  02/04/2015 22/04/2015	<p>Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.</p> <p>In parallel provide cost and timescale, desired completion by end of April 2015.</p> <p>It was noted that it is WIP to price the works</p> <p>GB advised that there was a query re power sockets on the floor i.e. do you expect BMCL to core the floor. PM requested that GB discusses with PM separately and brings the drawing.</p>	
3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015  02/04/2015  22/04/2015	<p>Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use.</p> <p>It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design.</p> <p>GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type.</p> <p>It was noted that works are ongoing and BMCL are finalizing the costs.</p>	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015    22/04/2015	<p>Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.</p> <p>Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres.</p> <p>PM advised that the works are complete and costs are awaited.</p>	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015   22/04/2015	<p>Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.</p> <p>Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.</p> <p>FS advised that it is WIP to source the fixings/fittings. AF enquired if it would be possible to get sign-off from the service before BMCL carry out the works and this was agreed.</p>	
3609	PMI 374	ADULT HOSPITAL OUT PATIENTS DEPT LEVEL 1 - CONSULTING ROOM 063	07/04/2015   22/04/2015	<p>Please carefully remove CUP 1008 from room and make all finishes good.</p> <p>Please carefully remove CUP 1008 from room and make all finishes good. CUP 1008 to be placed in basement storage room for spare materials. Please confirm cost for removal prior to 20th April 2015. Refer attached drawing.</p> <p>FS advised that the works had been carried out. GW advised that BMCL are not pursuing the cost.</p>	

3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015  22/04/2015	<p>Please proceed and prepare base for 2 No ATM's as per attached drawing.</p> <p>Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.</p> <p>PM noted that there were operatives on site to carry out the works. FS agreed to check with HGallagher re progress.</p>	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015	<p>Proceed with works identified under PMI 347.</p> <p>The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.</p>	
3654	PMI 377	RAG 032/RCG 082 - Additional OUT131	16/04/2015	<p>The Board request an additional OUT131 to the control desk trunking adjacent to wall end in each of the following rooms for connection of OPT XRay equipment:</p> <p>RAG - 032 RCG - 082</p> <p>Cost to be allocated to the contingency of PMI 328.</p>	
3662	PMI 378 -	Steel Frame Supports - CT rooms	20/04/2015 22/04/2015	<p>Please provide 2no. steel frame supports for injectors in ground floor CT Rooms installed with fixing plates 100mm above suspended ceiling</p> <p>FS noted that the works had been carried out. PM to review the costs.</p>	
3663	PMI 379	ENERGY CENTRE - FLUE GAS EMISSIONS MONITORING	20/04/2015 22/04/2015	<p>Please proceed and accept quotation from TUV SUD - NEL to install emissions monitoring sensors as detailed in quotation reference NEL - 11851.</p> <p>Additional instruction 22/4/15 - Supply and install sockets within 7 @ boiler flues and 3 @ CHP flues to facilitate emissions testing.</p> <p>It was agreed this item could be closed – cross reference CE 081</p>	
3667	PMI 380	ADDITIONAL POWER & DATA PART 2	21/04/2015	<p>The Board confirm that Brookfield Multiplex should supply and install the undernoted items to be in part associated with PMI 328.</p> <p>Ref J Bailey email to C&amp;B 14.04.15 - confirm removal of light fittings contained within PMI 328. In conjunction with install of Pharmacy robot - relocate 3 No sprinkler heads and 1 No radiant panel. Also in Pharmacy per discussion with Malcolm Ross and P Moir 21.04.15 install section of pharmacy worktop 2m long by standard width, with 2m of plastic dado trunking linked to power pole from floor to ceiling. Worktop to accommodate 4 work stations, each work station to have 2@ twin 13a socket outlets and 1@ double data outlet, mounted on the plastic dado trunking.</p> <p>In summary a total number of sockets are; Data - 4@double data Power - 8@twin 13am socket outlets</p>	

				<p>Dado trunking and worktop to be sealed all round with white silicone, worktop to sit on white metal lab style legs.</p> <p>Please proceed with works as quickly as possible.</p>	
3679	PMI 381	ARRIVAL SQUARE - 4 No. BUS CAGES (WHITE LINING)	<p>22/04/2015</p> <p>22/04/2015</p>	<p>BMCE are instructed to mark out 4 bus cages as per the attached drawing, to include the names bus stance and individual bus cages.</p> <p>PM noted that the works had been completed.</p>	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	<p>22/04/2015</p> <p>22/04/2015</p>	<p>Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.</p> <p>Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.</p> <p>PM noted that this is priority work</p>	
3685	PMI 383 -	ADULT THEATRES LEVEL 2 - MAIN ACCESS DOORSET D-02-THE-005	<p>23/04/2015</p>	<p>Brookfield are instructed to supply and fit electronic locks wired to the existing swipe card reader and disengage white proximity 'hand swipe' switch. Completed installation should match those installed on bridgelink re-gen kitchens.</p> <p>This double doorset has been fitted with an DORMA overdoor automatic door system, a card reader and keypad (outside), a green push button for operation (in department), and outside a hand swipe proximity switch.</p> <p>Please supply electronic locks as per re-gen kitchens on adult ward floors, so that operation of doors is automatic and operated by card from outside and push button from inside department. Please disconnect white proximity swipe switch, remove and cover over with proprietary stainless steel plate. Proceed with works as quickly a possible.</p> <p>Note the bulk of the system is installed bar the electronic locks.</p>	
3700	PMI 384 -	ADULT & CHILDRENS HOSPITAL - SIGNAGE FOR BABY FEEDING	<p>27/04/2015</p>	<p>In both hospitals please replace baby feeding signs, by replacing 'bottle' sign with 'nursing mother' sign.</p> <p>In both hospitals please replace signs, by replacing 'bottle' sign with 'nursing mother' sign. Basic costs provided to date are Glasgow Signs - [REDACTED]; Signbrand - [REDACTED] (for updating interactive way finding templates).</p>	

3701	PMI 385 -	Aseptic Suite - Add to BMS	27/04/2015	Please provide a cost to connect 2no. cold rooms located within the Aseptic Suite to the BMS for monitoring temperature and providing alarms for out of specification conditions.	
3710	PMI 386 -	NEW HOSPITALS - GOVAN ROAD WHITE LINING	28/04/2015	Please install additional white road markings as per the attached drawing from Glasgow City Council.	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time.	
3714	PMI 388 -	CHILDREN'S HOSPITAL - TEENAGE CANCER TRUST ROOM TCT 002	29/04/2015	Please proceed to supply and fit HW F&R, CW feed and drainage to TCT 002 from adjacent room.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
14984	CE 093	ADULT HOSPITAL - RETAIL FIT OUT ADDITIONAL SERVICES (M&S + WHS)	22/04/2015	BMCE are instructed to proceed with the M&E services associated with the Board's retail fit out, as set out and priced in PMI 325 & 326.	
15004	CE 094	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	23/04/2015	Proceed with works to adapt drainage system. Cross reference 347	29/04/2015
15005	CE 095	NEW HOSPITALS - 300 ADDITIONAL TELEPHONE LINES	23/04/2015	The Board confirm Brookfield should proceed with the provision of 300 additional telephone lines.	



### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) **PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) **FS advised that the tank was due on site that day (02/04/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan.(19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) **It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) **DP Advised that he understood that all the works had been carried out (02/04/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) **FS agreed to provide an update to PM later that day (02/04/2015)**
- Decontamination washers – DP agreed to progress the remedial works to the 'drips' at the washers. (26/03/2015) **DP advised that he understood the drips had all been fixed. (02/04/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) **JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015)**
- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as as record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015)


- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015)
- Panel (which had come loose) – PM advised that the NHS have had to do a datix report on the incident. AF advised that there is an operative onsite to check panels – the weather conditions the previous day had not allowed for checks – the works need to be carried out from a chair and it had been too windy. AF provided an overview of the panel make-up/fixing. AF noted that the extent of the issue was not known at this time and all the panels would be checked as a matter of urgency. AF had asked the French manufacturer to look at the panels. There are no marks on the face of the panel. AF would provide a schedule identifying the order of the checks. DH suggested that the initial focus should be on the faces which sustain the brunt of the weather and which ones have an interface with members of the public. AF noted that a metal panel had also been damaged and a glazed panel PM suggested that the panel is only used in 2 locations (02/04/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015)
- . PAC Screen layout – DP advised that he had got this back (02/04/2015)
- Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015)
- Ultra clean – query has been raised re pressure in that they think it should be balanced and not 35/25.
- Outward opening doors – it was noted that correspondence could not be found which advised that the doors should have been changed and it was acknowledged that it appeared odd. GB noted that the drawing had been signed off as outward facing doors and the doors had been fitted as per drawing. FS agreed to liaise with TDSL to progress this matter – 2 instances are Plaster room adult hospital and 2<sup>nd</sup> floor NCH ARU . (02/04/2015)
- EWD – DH advised that users want to fill basin and cant as there is no way to fit a plug. It was suggested that the sink was as per SHTM. DH was requested to provide the sanitary ware code and BCML would check if the grating could be changed (02/04/2015)
- Fire-stopping – GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. (22/04/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 29/04/2015:


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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p> <p>DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
2465 0	BMCE-EWN-000155	Anticipated completion date of works on PMI 347 Radio Nuclide drainage	03/04/2015	Following receipt of the programme from Crawford plumbing, works are due to commence Tuesday 7th April for 6 weeks. Therefore works will not be complete until w/c 18th May 15	
			23/4/2015	FS advised that the works are ongoing. DL noted that SEPA are scheduled to visit the site early w/c 27/04 and this was an area that they would look at. FS suggested that it would take circa 2 weeks to complete this area once the materials are onsite.	
			30/04/2015	DH advised that testing was programmed to be carried out on Friday . FS noted that the works in this area would be completed by 8 <sup>th</sup> May 2015.	

2494 5	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015	Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works	
2495 7	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 29/04/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24260	NHS EW 056	ADULT HOSPITAL - PATRESSING FOR PATIENT ENTERTAINMENT SYSTEM	19/02/2015  26/02/2015  05/03/2015  12/03/2015	<p>The installation of the Board's patient entertainment system is currently underway in the adult hospital. It has been established that in some areas, patressing has not been installed as per the agreed general arrangement drawing through the main contract. Please establish extent of the problem at all levels and provide the Board with options to rectify while maintaining programme and hence reducing potential disruption for the Board's direct sub contractor.</p> <p>FS advised that fixings have been sourced. A Stephen had rigged up an arm for load testing and testing with 2x25kg weights had been successful and provide reassurance re proof of concept. The NHS are requested to confirm if the alternate solution is acceptable. DL noted that the pattress is only to support a TV and BMCL have proved that it passes the weight test. BMCL were requested to liaise with PM for sign-off. .</p> <p>PM advised he understood that the pattress matter was being resolved. PM had provided a list of rooms via email to FS which have issues. Lincor are happy to assist as long as there is a solution. NHS are happy to go with the Gripit solution but need to get Astins to do calculation for them to be comfortable. PM has also sent a drawing showing their mounting bracket – solution needs to take a load of 50kg spread over the 4 fixings. BMCL need to determine where the top of the pattress is. FS advised that he had liaised with JFlynn to progress identifying the top of the pattress. .</p> <p>FW advised that a survey of levels 9, 10 and 11 was ongoing. Thus far the survey of level 10 had identified only 3 instances where the plywood had been incorrectly fitted. PM requested a copy of the survey results. FS enquired how much further the NHS would want the survey works undertaken as BMCL were conscious that the ultimate clean to level 6 was ongoing. GW suggested that the NHS needed to establish the reason why the Patient Entertainment Contractor had identified issues as the checks are identifying that only 3 out of those identified by the contractor have an issue. FS noted that the is a 75% success rate on all the partitions checked (25% raised as having an issue and only 3 identified from the sample. AF requested that FS does a pilot hole 10mm down from the initial survey hole (50mm down). PM suggested that all the walls which patient entertainment is to be fitted on should be checked to prove no issues so that there can be no question marks in the future. DH concurred that the patient entertainment contractor should be asked to confirm that their pattress issue(s). AF advised that he would want the a rep from the patient entertainment contractor to be present when BMCL are carrying out the survey. AF advised that BMCL would check all the floors over the coming weekend. PM advised that he would check with DShaft</p>	

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			19/03/2015	when he will be onsite and will link in with FS. FS suggested that there was a clearer understanding of the matter on the basis of the survey results for levels 4 to 11. It was acknowledged that Gripit is a solution. PM advised that he had obtained agreement from Lincor to use Gripit. Lincor are expecting BMCL to purchase the Gripit. There are a large number of rooms that Lincor can progress with and the NHS are awaiting a programme for the works. FS advised that BMCL have some Gripit on site however needed to understand how many bags Lincor would be needing. PM suggested that 4 bags per area would perhaps be needed. PM noted that the solution for Level 1 & 2 still needed to be concluded. FS noted that it was proposed that laminate faced plywood would be installed (installed onto the stud). The light would however need to be moved and it was proposed to install the light and the patient entertainment onto the laminate. The laminate could be provided in different colours. PM and FS agreed to discuss colours. PM noted that Lincor have raised concern about additional costs being incurred to their contract. FS advised that the plywood is on a 2 week supply time. BMCL would move the lights in the interim. PM noted that he had advised Lincor to go ahead and fit their data and power. FS noted that BMCL had observed that on occasion the data and power has not been fitted flush with the face of the plasterboard finish and PM suggested that BMCL should make the hole for the data&power larger and this will be covered by a shroud in any case.	
			26/03/2015	FS advised that the fixings for the tower area had arrived the previous day. The surveys had been completed. Circa 1000 of each item on site. The podium wrapped ply is ordered and delivery expected no later than 7 <sup>th</sup> April however BMCL are trying to improve this date. The removal of the light fittings will commence on 27/03/2015 in the order as advised by the NHS. PM suggested that he may need to request more fittings. FS advised that is assumed that Lincor will do their first fix after the light removal so that the wall is ready for the laminate install. BMCL could potentially drill holes for Lincor. PM advised that Lincor had indicated a cost incurred due to the pattrassing issue and PM would provide this to DR for discussion with GW.	
			02/04/2015	FS advised that further fittings had been agreed and were due on site on 03/04/2015 – FS would double check that there was no delay to the delivery. PM advised that Lincor is back on site and he understood that progress is ongoing. Lincor have their own PM looking after the works on site. PM advised that it would be useful to understand how the laminate will be fixed to the stud. GW advised that he had not received any Lincor cost information nor had a discussion with DR. PM advised that he would provide the cost info asap.	
			23/4/2015	PM advised that the Lincor Project Manager is advising that they are to due complete the following day 24/04/2015.	
			30/04/2015	It was agreed this item could be closed.	
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 29/04/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p>	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	

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			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.
			19/03/2015	GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.

			23/4/2015	PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.	
			30/04/2015	GW noted that a CE was required urgently for this item.	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.	
				The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.	
				Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.	
			05/02/2015	GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
			12/02/2015	PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.	
			19/02/2015	PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.	
			26/02/2015	PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015	
			05/03/2015	PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.	
			12/03/2015	PM advised that he had informally heard that the shelters will be available from April.	
			19/03/2015	PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.	
			26/03/2015	PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.	
			02/04/2015	PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CEfor the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW suggested that the masterplan would need to be updated and there would be a design cost	

			<p>23/04/2015</p> <p>30/04/2015</p>	<p>incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised that the stances do not work without the kicked out section and a drawing should be issued to GCC telling them what has been done.</p> <p>PM advised that he had met on site the previous day with Trueform. An alternate plan is being worked through which would mean that there may be less granite to be lifted. PM is liaising with PMc and PMc is liaising with Land Eng. GW npted that BMCL would need to do a revised Land Eng cost PM advised that different stances would need different amounts of granite lifted – some less/some more and suggested that the cost be left as is for now and once the works are complete final cost can be identified. The costs for the sharks fin and light column were to be rolled into one CE.</p> <p>GW advised that the costs had been provided for this item the previous day along with costs for PMI 355 and PMI 359. PM to advise where costs are to be uploaded to. PM advised that it would be a single CE covering the 3 PMIs and he would liaise with AKerr.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>PM advised that an amendment would be advised via a separate PMI.</p> <p>It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p>	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015	<p>The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers.</p> <p>The works required are outlined on the attached drawing no 13/02103 Rev A</p> <p>Supply and installation of washers/dryers will be by others.</p> <p>The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p>	

			<p>12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015</p>	<p>GW advised this is WIP to obtain costs. Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution. GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC. DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up. DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution. It was noted that costs are awaited. GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap. GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works. FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED]. <b>PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.</b></p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p>	

			26/03/2015 02/04/2015  22/04/2015 30/04/2015	<p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p>	
3404	PMI 347	NEW HOSPITALS - RADIO NUCLIDE DRAINAGE	19/02/2015  26/02/2015  05/03/2015  12/03/2015  19/03/2015  26/03/2015  02/04/2015   22/04/2015  30/04/2015	<p>The Board confirm that the provision of drainage to RNM/SCH areas should be in accordance with the Radiation Compliance Advice Schedule dated October 2010.</p> <p>DP advised that there had been a positive meeting with Radiation reps. Are a couple of tweaks to be made in Schiehallion. In Nuclear Medicine there are easy tweaks and substantial tweaks. BMCL will continue to progress works. BMCL are checking out when BMCL received 2010 list.</p> <p>GW advised that the Mercury matters had been concluded. ZBP incorrect design has been resolved. BMCL had identified what works are attributed and will identify the cost.</p> <p>DH advised that he understood the works were being carried out. BMCL was to identify any "additional" works which are attributed to the NHS.</p> <p>GW advised that the information was with Mercury and the cost awaited. BMCL had been advised that these works will require a Building Warrant. The materials are on order for the works.</p> <p>DP Advised that the materials for the works should now be onsite. DH requested an update later that day so that he could provide feedback to users and DP agreed to provide.</p> <p>GW advised that he had a cost for the works. The costs had been split into NHS and non NHS works – the NHS works cost was circa [REDACTED]. DP advised that BMCL are continuing to progress with a programme which stays ahead of the ABrennan programme. FS advised that Crawford had noted that there is 4 weeks of work. DH advised that 4 weeks of works presents a problem. DP suggested that BMCL and NHS meet w/c 06/04/2015 so can identify if works can be done to enable to disruption to the dept opening – agree sequence of works. DP advised that BMCL will identify if any materials need to be ordered which may have a long lead time.</p> <p>PM advised that this would be concluded once DH returned from leave. GW advised that for the BMCL accounting system ideally this needed to be concluded by tomorrow. PM agreed to issue a CE to the value of [REDACTED].</p> <p>It was noted that this item could be closed as CE 094 issued.</p>	Cross ref PMI 376
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015  26/02/2015  05/03/2015	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive</p>	



			<p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p>	<p>certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p><b>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</b></p>	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>Completion of Group 5 rooms in main Imaging Departments.</p> <p>The Board request costs for the reinstatement and completion of finishes, M&amp;E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.</p> <p>The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works.</p> <p>GW noted that costs are ongoing.</p> <p>GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though</p> <p>GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter &amp; Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.</p> <p>DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24<sup>th</sup> March 2015. GW agreed to liaise with DR.</p> <p>GW advised that he understood that the NHS were having a debate. DH noted that he was</p>	



			02/05/2015  22/04/2015  30/04/2015	<p>comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.</p> <p>DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would need to be asked to confirm what works he had done.</p> <p>GW advised that the painting information had been rechecked as being correct. Tge flooring information was to be revised circa [REDACTED] to be reduced to [REDACTED]. GW suggested that a CE to the value of [REDACTED] should be provided. PM agreed to liaise with DH on his return from leave and to issue the CE on 27/28<sup>th</sup> April.</p> <p>GW advised that costs had been uploaded and that BMCL needed a CE for this item urgently.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015  05/03/2015  12/03/2015  19/03/2015  26/03/2015  02/04/2015  22/04/2015  30/04/2015	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p> <p>DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.</p> <p>DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p> <p>DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.</p> <p>DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.</p> <p>DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.</p> <p>FS advised that the power was in however he would need to check about the data. GW noted that this was being financed through the contingency sum and that he was not expecting a CE for this item.</p> <p>FS confirmed that the data works had been concluded. GW noted that he would need to budget transfer from PMI 328 (circa 17k). PM agreed to check with MMacleod and check that the works are complete.</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to</p>	

			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015  22/04/2015 29/04/2015</p>	<p>provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc. GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap. PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel. <b>GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc.</b></p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	<p>10/03/2015   19/03/2015 26/03/2015 02/04/2015 22/04/2015  30/04/2015</p>	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury. GW noted that cost awaited from Mercury. DP advised that he would discuss with EMcl in order to push on the availability of the cost info. GW advised that costs had been uploaded to Sypro the previous day. PM advised that he would issue a CE asap. <b>GW advised that cost is circa [REDACTED] and PM agreed to provide a CE asap.</b></p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	<p>10/03/2015</p>	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections</p>	

			19/03/2015	can be used in conjunction.  These water supplies are intended to act as contingency in the event of urgent dialysis requirement during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety.	
			26/03/2015	DP advised that he would get the works progressed. DH advised that cost info is still to be provided.	
			02/04/2015	DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap.	
			22/04/2015	FS advised that there is a VE option that is complaint and a cost is awaited for this.	
			30/04/2015	FS advised that LJamieson is chasing up costs. DH noted that a revised quote had been uploaded the previous day. DH advised that the works needed to be instructed asap. PM advised that he would provide a CE asap.	
3484	PMI 358 -	Relocation of brackets (Comp 101 & 102)	10/03/2015	The Board request a quotation to relocate the rear brackets and PDU's of 34 server cabinets (located in COMP 101 & 102) to allow 1000mm servers to be installed.	
			19/03/2015	GW advised that costs awaited from Mercury. DH was requested to provide a timeframe for the works.	
			26/03/2015	DP advised that he would liaise with DW to get an indication of the works involved/timeframe for the works. GW advised that cost awaited from Mercury.	
			02/04/2015	GW advised that the cost had been uploaded to Sypro earlier that day.	
			23/04/2015	PM advised that the PMI to be cancelled as NHS not proceeding with this item.	
			30/04/2015	PM noted that this item had been cancelled. Item closed	
3509	PMI 359	ADULT HOSPITAL - LEVELS 1 & 2 BEDHEAD LIGHT FITMENT	13/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached drawings for Level 1 & 2.	
			19/03/2015	Reposition bedhead light fitment in rooms with green dot as per attached plans. Height to centre line of fitment to be 1800mm AFL as per NA XX XX SC 400 002.	
			26/03/2015	GW advised that costs awaited from Mercury	
			02/04/2015	FS advised that the light removal is due to commence 27/03/2015	
			22/04/2015	FS advised that the light removal works was 50% complete however would be fully complete by cop 03/04/2015.	
			30/04/2015	It was agreed this item could be closed. Lights being installed to the correct height. GW advised that there are areas where it would not have mattered the lights had been fitted as they would now have clashed with the patient entertainment. As previous discussion it was agreed that this item was closed.	
3529	PMI 361	PENDANT ACCESSORIES - PROPOSED ADAPTATIONS	17/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings.	
			19/03/2015	Please proceed and cost proposed amendments to the Starkstrom pendant supply schedules and drawings. Please supply on or before next meeting on 24th March 2015.	
			26/03/2015	DP noted that this matter is WIP by Starkstrom. Information is expected from Starkstrom on 20/03/2015. DP noted that updated had been provided at the meeting with Starkstrom on 24/03/2015.	

			02/04/2015  30/04/2015	Endoscopy works are due to conclude on 7 <sup>th</sup> April and the client demo has been arranged to take place on 9 <sup>th</sup> April 2015. GW advised that the cost had been uploaded to Sypro earlier that day. PM agreed to provide a CE. DP advised that he had asked Starkstrom to provide regular updates for DP and DP would forward these to PM. PM advised that Starkstrom should ignore any instruction(s) from Users, etc and to flag up any issues asap. <b>It was agreed this item was closed as CE 092 issued.</b>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015  26/03/2015 22/04/2015 30/04/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works. GW advised that the costs would be discussed on the basis of the actual works carried out. <b>GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme.</b>	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015 22/04/2015 30/04/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off. FS advised that the rep has confirmed to be on site w/c 13/04/2015 FS advised that the glass had been replaced. GW noted that the costs are awaited from Henshaw. <b>PM advised that a CE would be provided once the costs were known.</b>	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015 23/04/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance. Cross ref PMI 333 <b>PM noted that the works had been done.</b>	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.	

			02/04/2015 23/04/2015  30/04/2015	In parallel provide cost and timescale, desired completion by end of April 2015. It was noted that it is WIP to price the works GB advised that there was a query re power sockets on the floor i.e. do you expect BMCL to core the floor. PM requested that GB discusses with PM separately and brings the drawing. <b>PM advised that he understood what works are going to be done. GW noted that the costs had been uploaded to Sypro. PM agreed to provide a CE asap.</b>	
3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015  02/04/2015  23/04/2015 30/04/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use. It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design. GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type. It was noted that works are ongoing and BMCL are finalizing the costs. <b>DH noted that he had been advised the previous day that the works had been completed. PM advised he was awaiting the cost info.</b>	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015      23/04/2015 30/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres. PM advised that the works are complete and costs are awaited. <b>DH requested that BMCL confirm that the works had been completed as there was 1 room in interventional which did not appear to be completed.</b>	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015   23/04/2015  30/04/2015	Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.  Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015. FS advised that it is WIP to source the fixings/fittings. AF enquired if it would be possible to get sign-off from the service before BMCL carry out the works and this was agreed. <b>GB advised that samples being prepared. BMCL Have a query re the toilet/toilet seat. GB to liaise with GW re Mercury.</b>	
3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015	Please proceed and prepare base for 2 No ATM's as per attached drawing.  Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.	

			23/04/2015 30/04/2015	PM noted that there were operatives on site to carry out the works. FS agreed to check with HGallagher re progress. PM noted that this item is to be cancelled.	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015	Proceed with works identified under PMI 347.  The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.	
3654	PMI 377	RAG 032/RCG 082 - Additional OUT131	16/04/2015 30/04/2015	The Board request an additional OUT131 to the control desk trunking adjacent to wall end in each of the following rooms for connection of OPT XRay equipment: RAG - 032 RCG - 082 Cost to be allocated to the contingency of PMI 328. GW noted that the costs had been uploaded on 27 <sup>th</sup> . It was agreed this item was closed.	
3662	PMI 378 -	Steel Frame Supports - CT rooms	20/04/2015 23/04/2015 30/04/2015	Please provide 2no. steel frame supports for injectors in ground floor CT Rooms installed with fixing plates 100mm above suspended ceiling FS noted that the works had been carried out. PM to review the costs. GW noted that cost is circa [REDACTED]. DH to confirm where costs to be allocated.	
3667	PMI 380	ADDITIONAL POWER & DATA PART 2	21/04/2015 30/04/2015	The Board confirm that Brookfield Multiplex should supply and install the undernoted items to be in part associated with PMI 328.  Ref J Bailey email to C&B 14.04.15 - confirm removal of light fittings contained within PMI 328. In conjunction with install of Pharmacy robot - relocate 3 No sprinkler heads and 1 No radiant panel. Also in Pharmacy per discussion with Malcolm Ross and P Moir 21.04.15 install section of pharmacy worktop 2m long by standard width, with 2m of plastic dado trunking linked to power pole from floor to ceiling. Worktop to accommodate 4 work stations, each work station to have 2@ twin 13a socket outlets and 1@ double data outlet, mounted on the plastic dado trunking.  In summary a total number of sockets are; Data - 4@double data Power - 8@twin 13am socket outlets  Dado trunking and worktop to be sealed all round with white silicone, worktop to sit on white metal lab style legs.  Please proceed with works as quickly as possible. GW advised that costs had been uploaded ([REDACTED]). Costs will be allocated to contingency.	
3679	PMI 381	ARRIVAL SQUARE - 4 No. BUS CAGES (WHITE LINING)	22/04/2015 22/04/2015	BMCE are instructed to mark out 4 bus cages as per the attached drawing, to include the names bus stance and individual bus cages. PM noted that the works had been completed.	



3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015  22/04/2015 30/04/2015	<p>Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.</p> <p>Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.</p> <p>PM noted that this is priority work</p> <p>DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be removed.</p>	
3685	PMI 383 -	ADULT THEATRES LEVEL 2 - MAIN ACCESS DOORSET D-02-THE-005	23/04/2015        30/04/2015	<p>Brookfield are instructed to supply and fit electronic locks wired to the existing swipe card reader and disengage white proximity 'hand swipe' switch. Completed installation should match those installed on bridgelink re-gen kitchens.</p> <p>This double doorset has been fitted with an DORMA overdoor automatic door system, a card reader and keypad (outside), a green push button for operation (in department), and outside a hand swipe proximity switch.</p> <p>Please supply electronic locks as per re-gen kitchens on adult ward floors, so that operation of doors is automatic and operated by card from outside and push button from inside department. Please disconnect white proximity swipe switch, remove and cover over with proprietary stainless steel plate. Proceed with works as quickly a possible.</p> <p>Note the bulk of the system is installed bar the electronic locks.</p> <p>DH noted that a bolt/grabber arrangement needs to be put on the door (similar to that on the regen kitchen) so that it stops the public going straight into the recovery area. GW advised that the cost information had been uploaded earlier that day.</p>	
3700	PMI 384 -	ADULT & CHILDRENS HOSPITAL - SIGNAGE FOR BABY FEEDING	27/04/2015   30/04/2015	<p>In both hospitals please replace baby feeding signs, by replacing 'bottle' sign with 'nursing mother' sign.</p> <p>In both hospitals please replace signs, by replacing 'bottle' sign with 'nursing mother' sign. Basic costs provided to date are Glasgow Signs - [REDACTED]; Signbrand - [REDACTED] (for updating interactive way finding templates).</p> <p>PM agreed to provide a PMI to confirm the way forward.</p>	



3701	PMI 385 -	Aseptic Suite - Add to BMS	27/04/2015 30/04/2015	Please provide a cost to connect 2no. cold rooms located within the Aseptic Suite to the BMS for monitoring temperature and providing alarms for out of specification conditions. DW advised that this matter was currently with Mercury.	
3710	PMI 386 -	NEW HOSPITALS - GOVAN ROAD WHITE LINING	28/04/2015 30/04/2015	Please install additional white road markings as per the attached drawing from Glasgow City Council. GW noted that the works had been completed the previous day	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time.	
3714	PMI 388 -	CHILDREN'S HOSPITAL - TEENAGE CANCER TRUST ROOM TCT 002	29/04/2015 30/04/2015	Please proceed to supply and fit HW F&R, CW feed and drainage to TCT 002 from adjacent room. PM noted that he understood the works were being progressed.	
3723	PMI 389 -	NEW HOSPITALS EXTERNAL SIGNAGE - ADDITIONAL TEMPORARY SIGNS	01/05/2015	Please procure and install the signage as per the attached sketch drawings.  Please procure and install the signage as per the attached sketch drawings. Signs to be plastic, white background with dark blue lettering to match typeface of signs installed by Glasgow Signs. Sign in grass area off Langlands Drive to have support posts to be driven into ground, eg not metal with concrete foundation. These signs are temporary until the new signage system beds down. Note remove NHS and Scot Gov signs on fence to Phase 3A compound.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15075	CE 096	Group 5 Installation - Dilapidation Works	30/04/2015	Please proceed with works as established under PMI 349 to complete decoration of rooms post completion of Gp 5 equipment installation works.	
15076	CE 097	ADULT HOSPITAL RETAIL UNITS - SPRINKLER COMMISSIONING	30/04/2015	Works identified under PMI 355 to drain down and re fill sprinkler systems within the two retail units for M&S and WH Smith.	
15077	CE 098	Renal Services - Cold Water Supplies and Outlets	30/04/2015	Please supply and install additional CW outlets for emergency use when main system is being run through the heat sanitisation process.	

15078	CE 099	CHILDREN'S HOSPITAL - SENSORY ROOMS ADDITIONAL POWER OUTLETS	30/04/2015	Please proceed with PMI 370 and install additional power outlets as indicated on drawings provided.	
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#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) **GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) **FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015)**
- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursor low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DHadvised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015)FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed

then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan. (19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015) **FS advised that the Schiehallion tests had been completed. FS would need to check if ABrennan had been asked to return to site to carry of the hatches at nuclear medicine. (30/04/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) **DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) **FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) **FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL**


are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015)

- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as a record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015)
- Dental pendant – FS enquired about the height of the dental pendant and enquired if it was too low. DH enquired if it had been fitted as per the signed off drawing and FS agreed to double check this (26/03/2015) GB noted that there had been a discussion a while past about the height. It was agreed this item could be closed. (30/04/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015) PM noted that DH is going to get a C&B Rep to provide an overview of the new regs. The Plan is to prepare process of who does what, etc. GB. FS and DW to attend the session for BMCL being organized by DH. (30/04/2015)
- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015)
- Outward opening doors – it was noted that correspondence could not be found which advised that the doors should have been changed and it was acknowledged that it appeared odd. GB noted that the drawing had been signed off as outward facing doors and the doors had been fitted as per drawing. FS agreed to liaise with TDSL to progress this matter – 2 instances are Plaster room adult hospital and 2<sup>nd</sup> floor NCH ARU . (02/04/2015) Item closed (30/04/2015)
- HAI Scribe theatres – PMI to be provided. Partition to be constructed - doors and vents to be taped up, etc. (30/04/2015)
- RAG Cooling – DH noted that BMCL were reviewing the cooling arrangements (30/04/2015)
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015)
- Compound area on ground floor Car Park – AF requested that the compound area be moved asap. (30/04/2015)
- Signage at Main door – AF advised that he expected this to be onsite w/c 04/05/2015. GW to liaise with Land Eng who are procuring the sign. PM advised that he needed the external and road signage concluded asap. GB noted that Land Eng were to have their works completed by 04/05/2015. PM advised that Natasha had carried out a walkround and had identified that there is signage missing. Natasha has prepared a report regarding the missing signage. Norsigns to be asked to confirm that they think they have completed all their signage. DH noted that a sign at Labs 1/CT Room (Interventional) needed to be swapped over (30/04/2015)
- Pharmacy – Road Crossing – PM enquired if BMCL could splay the hoarding so that the sight lines are better and this was confirmed.

- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof.
- Link to neonatal – it was acknowledged that the link is ready for use but that the flashings were to be completed. DW was requested to liaise with IP. DH noted that the swipe card access needed to be swapped over as Maternity gets locked down at night. There was a query re 2 means of escape and it had been requested that the break glass be left in. (30/04/2015)
- VIE turning circle – FS agreed to check the status of the works and feedback to PM.
- Doors/Door hinges – It was advised that BMCL had witnessed doors within the hospitals being badly treated and that there is damages occurring. BMCL can carry out the repairs however do the NHS want BMCL to do and keep a note off so can recoup costs. PM requested that any damage door notifications be provided to PM so that the NHS can decide who does any remediation works. BMCL continue to deal with defects. FS showed a damaged door hinge. FS advised that he would liaise with TDSL re the door hinges. (30/04/2015)
- Office Moves – AF noted that it had been proposed to vacate the cabins by end of May and for everyone to move across to Ward 20. Further to seeing the area available for use by BMCL it was considered to be too small to accommodate all the BMCL personnel who will be moving off site. BMCL would be putting a small office/couple of portacabins onto the site – Gillon Armstrong and Paul McGuinness would use these offices. PM agreed to consider the way forward for the NHS staff who need to relocate. (30/04/2015)
- Surface Car Park – it was noted that a few comments had been made by GCC Planners i.e. reposition of entrance road, some more soft landscaping – Land Eng will be requested to update drawings and thereafter BMCL would discuss with PM (30/04/2015)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 13/05/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p> <p>DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	




				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
2465 0	BMCE-EWN-000155	Anticipated completion date of works on PMI 347 Radio Nuclide drainage	03/04/2015	Following receipt of the programme from Crawford plumbing, works are due to commence Tuesday 7th April for 6 weeks. Therefore works will not be complete until w/c 18th May 15	
			23/4/2015	FS advised that the works are ongoing. DL noted that SEPA are scheduled to visit the site early w/c 27/04 and this was an area that they would look at. FS suggested that it would take circa 2 weeks to complete this area once the materials are onsite.	
			30/04/2015	DH advised that testing was programmed to be carried out on Friday . FS noted that the works in this area	



			07/05//2015	would be completed by 8 <sup>th</sup> May 2015. FS advised that the works had been completed – he would check the decor asap. It was agreed this item could be closed.	
2494 5	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015 07/05//2015	Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works GB advised that GArmstrong is liaising with GForsyth. BMCL are awaiting a PMI to confirm the way forward.	
2495 7	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015 07/05//2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed GB advised that GArmstrong is liaising with GForsyth and further pipe had been discovered and it was thought that it may be a gas pipe.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 13/05/2015

							
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p>			

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 13/05/2015



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	
			15/01/2015		

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			<p>22/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>29/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>05/02/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>12/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>19/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>26/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>05/03/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>12/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>19/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.</p> <p>26/03/2015 GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.</p> <p>02/04/2015 PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.</p> <p>23/4/2015 PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.</p> <p>30/04/2015 PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.</p> <p>07/05/2015 GW noted that a CE was required urgently for this item. PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review</p>
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				asap.	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	<p>Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.</p> <p>The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.</p> <p>Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.</p> <p>05/02/2015 GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.</p> <p>12/02/2015 PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.</p> <p>19/02/2015 PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.</p> <p>26/02/2015 PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015</p> <p>05/03/2015 PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.</p> <p>12/03/2015 PM advised that he had informally heard that the shelters will be available from April.</p> <p>19/03/2015 PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.</p> <p>26/03/2015 PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.</p> <p>02/04/2015 PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CEfor the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW suggested that the masterplan would need to be updated and there would be a design cost incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised</p>	

			<p>23/04/2015</p> <p>30/04/2015</p> <p>07/05/2015</p>	<p>that the stances do not work without the kicked out section and a drawing should be issued to tell them what has been done.</p> <p>PM advised that he had met on site the previous day with Trueform. An alternate plan is being worked through which would mean that there may be less granite to be lifted. PM is liaising with PMc and PMc is liaising with Land Eng. GW npted that BMCL would need to do a revised Land Eng cost PM advised that different stances would need different amounts of granite lifted – some less/some more and suggested that the cost be left as is for now and once the works are complete final cost can be identified. The costs for the sharks fin and light column were to be rolled into one CE.</p> <p>GW advised that the costs had been provided for this item the previous day along with costs for PMI 355 and PMI 359. PM to advise where costs are to be uploaded to. PM advised that it would be a single CE covering the 3 PMIs and he would liaise with AKerr.</p> <p>PM advised that he would be meeting with AKerr w/c 11/05/2015 to plan/agree the CE.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>07/05/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>PM advised that an amendment would be advised via a separate PMI.</p> <p>It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p> <p>PM advised that the core cutting was ongoing and that the shelters were due to arrive w/c 11<sup>th</sup> May 2015.</p>	

3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A. Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building.	
			12/02/2015	GW advised this is WIP to obtain costs.	
			19/02/2015	Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution.	
			26/02/2015	GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL requested that the programme be discussed with KC.	
			05/03/2015	DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.	
			12/03/2015	DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.	
			19/03/2015	It was noted that costs are awaited.	
			26/03/2015	GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.	
			02/04/2015	GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.	
			22/04/2015	FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].	
			30/04/2015	PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.	
			07/05/2015	PM advised that the costs did not appear to be value for money and DR has subsequently reviewed the costs and would discuss with GW.	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.	
			19/02/2015	Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward.	
			26/02/2015	GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses	



			<p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>07/05/2015</p>	<p>to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p>	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p>	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be</p>	



			02/04/2015	organized in due course. DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.	
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.	
			30/04/2015	PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.	
3406	PMI 349	NEW HOSPITALS GROUP 5 INSTALLATION - DILAPIDATION WORKS	19/02/2015	Completion of Group 5 rooms in main Imaging Departments. The Board request costs for the reinstatement and completion of finishes, M&E and associated works to ground and first floor Imaging areas following completion of the Group 5 equipment installation.	
			26/02/2015	The scope of the works is as set out in the attached Dilapidation Review which reflects current status and records both additional and deferred works. GW noted that costs are ongoing.	
			05/03/2015	GW advised he would upload costs later that day – these were currently being double checked and were circa [REDACTED] – GW has a detailed breakdown. DH enquired if the works could be completed in the time. GW advised that the works could be completed in time as long as BMCL can get access to rooms – it would be tight though	
			12/03/2015	GW advised that works have been commenced and costs uploaded for NHS. DH advised that the costs needed to be ratified. GW noted that the Seeka(?) paint in a non-standard colour has a long lead time. AF noted that Baxter & Gillespie should be advised to order the paint so as there is no impact to programme. AStephen had been requested to provide a programme for the imaging works. AF suggested that AStephen should meet with DH.	
			19/03/2015	DH advised that he had met with AStephen. Dates had been identified and provided to FW for review. GW advised that a CE to cover these works was required asap. GW noted that the BMCL year end is 24 <sup>th</sup> March 2015. GW agreed to liaise with DR.	
			26/03/2015	GW advised that he understood that the NHS were having a debate. DH noted that he was comfortable with the costs for the access control rooms, corridors, etc but he did not accept the costs for toilets, offices, etc. DH acknowledged that the works in these areas may not have been able to be finalized so there may be an out of sequence working cost but not a redecoration cost. GW advised that he has double checked the pricing and BMCL are satisfied with the pricing. AStephen to be requested to advise DH why redecoration is required to toilets, etc. DH noted that re flooring – there would need to be a re-measure of the works they actually do.	
			02/05/2015	DH noted that he had some queries regarding the quote. GW advised that he had an independent check carried out on the decoration and it was thought to be correct. The AC Flooring rep would need to be asked to confirm what works he had done.	
			22/04/2015	GW advised that the painting information had been rechecked as being correct. Tge flooring information was to be revised circa [REDACTED] to be reduced to [REDACTED]. GW suggested that a CE to the value of [REDACTED] should be provided. PM agreed to liaise with DH on his return from leave and to issue the CE on 27/28 <sup>th</sup> April.	

			30/04/2015 07/05/2015	GW advised that costs had been uploaded and that BMCL needed a CE for this item urgently. It was noted that this item was closed. CE 096 issued.	
3457	PMI 352	NCH ED & Radiology Power PMI	04/03/2015  05/03/2015  12/03/2015  19/03/2015  26/03/2015  02/04/2015  22/04/2015  30/04/2015  07/05/2015	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p> <p>DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.</p> <p>DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p> <p>DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.</p> <p>DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.</p> <p>DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.</p> <p>FS advised that the power was in however he would need to check about the data. GW noted that this was being financed through the contingency sum and that he was not expecting a CE for this item.</p> <p>FS confirmed that the data works had been concluded. GW noted that he would need to budget transfer from PMI 328 (circa 17k). PM agreed to check with MMacleod and check that the works are complete.</p> <p>PM noted that he had discussed this with DL and PM proposed to issue a CE for [REDACTED] (cross ref CE 100 )</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows:</p>	

			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015  22/04/2015 29/04/2015  07/05/2015</p>	<p>The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap.</p> <p>GW advised that this is under review by Paul.</p> <p>It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p> <p>PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel.</p> <p>GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc.</p> <p>PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions.</p>	
3480	PMI 355 -	Retail Units - Sprinkler Commissioning	<p>10/03/2015   19/03/2015 26/03/2015 02/04/2015 22/04/2015  30/04/2015 07/05/2015</p>	<p>The Board request a quotation for the following elements of work associated with the Fire Suppression System.</p> <ul style="list-style-type: none"> <li>• Drain down of system to allow connection of Tenants' system and associated refilling.</li> <li>• Final commissioning of the Tenants Fire Suppression system into the main Hospital network.</li> </ul> <p>GW noted that cost awaited from Mercury.</p> <p>GW noted that cost awaited from Mercury.</p> <p>DP advised that he would discuss with EMcl in order to push on the availability of the cost info.</p> <p>GW advised that costs had been uploaded to Sypro the previous day. PM advised that he would issue a CE asap.</p> <p>GW advised that cost is circa [REDACTED] and PM agreed to provide a CE asap.</p> <p>It was agreed this item could be closed as CE 097 issued.</p>	
3483	PMI 357 -	Cold Water Supplies and Outlets - Renal	<p>10/03/2015</p>	<p>The Board request a quotation &amp; programme (high level) to provide (renal quality) mains cold water supplies &amp; outlets suitable for direct connection of single RO Units in the following rooms:</p> <ul style="list-style-type: none"> <li>* RENW - 019</li> <li>* RENW - 021</li> <li>* RENW - 025</li> <li>* RENW - 026</li> <li>* RENW - 030</li> <li>* RENW - 032</li> </ul> <p>The supplies should be located so that other related services such as power &amp; earth connections can be used in conjunction.</p> <p>These water supplies are intended to act as contingency in the event of urgent dialysis requirement</p>	

			19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015	during heat sanitisation of the main level 4 loop. DH advised that CG had been party to discussions. GW advised that costs awaited from Mercury. DH provided an overview of the suggested works. GW noted that this item would require a Building Warrant. DH advised that this matter relates to Patient Safety. DP advised that he would get the works progressed. DH advised that cost info is still to be provided. DP advised that this was being priced up. GW advised that he would upload the cost to Syro asap. FS advised that there is a VE option that is complaint and a cost is awaited for this. FS advised that LJamieson is chasing up costs. DH noted that a revised quote had been uploaded the previous day. DH advised that the works needed to be instructed asap. PM advised that he would provide a CE asap. It was agreed this item could be closed as CE 098 issued.	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015 26/03/2015 22/04/2015 30/04/2015 07/05/2015	Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action. It was noted that an instruction had been issued the previous Friday to commence the works. GW advised that the costs would be discussed on the basis of the actual works carried out. GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme. PM noted that cost information was awaited	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off. FS advised that the rep has confirmed to be on site w/c 13/04/2015 FS advised that the glass had been replaced. GW noted that the costs are awaited from Henshaw. PM advised that a CE would be provided once the costs were known. PM noted that cost information was awaited so that the CE could be issued. It was suggested that the cost may now be on the system and PM agreed to check.	

3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015  02/04/2015 23/04/2015 07/05/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance. Cross ref PMI 333 PM noted that the works had been done. PM agreed to provide the CE	
3565	PMI 370	CHILDREN'S HOSPITAL - 2 No. SENSORY ROOMS DCFP-050 & GW3-049	24/03/2015  02/04/2015 23/04/2015 30/04/2015 07/05/2015	Please proceed and install additional power outlets and trunking as indicated on the attached drawings, YR1E/01/14 Rev.5 and YR2CWE/06/14 Rev.4 dated 20th March 2015.  In parallel provide cost and timescale, desired completion by end of April 2015. It was noted that it is WIP to price the works GB advised that there was a query re power sockets on the floor i.e. do you expect BMCL to core the floor. PM requested that GB discusses with PM separately and brings the drawing. PM advised that he understood what works are going to be done. GW noted that the costs had been uploaded to Sypro. PM agreed to provide a CE asap. It was agreed that this item could be closed – CE 099 issued. DW noted that the works had commenced.	
3566	PMI 371 -	REGENERATION KITCHENS - COMMANDO SOCKETS	24/03/2015  26/03/2015 02/04/2015 23/04/2015 30/04/2015 07/05/2015	Please provide 16A supply outlets for all regeneration food trolleys in these rooms (nom 80 tbc). The Board confirm that 16A commando sockets are required in Regeneration Kitchens, at each regeneration trolley location and that these should be installed on pattress mount to avoid damage from repetitive use. It was noted that BMCL have been advised that new breakers will be required and that PMI with Mercury for preparation of design. GB advised that design awaited and fee from WW. DP advised that MR is looking at a potential 'workround' to this request – there is a query re breaker type. It was noted that works are ongoing and BMCL are finalizing the costs. DH noted that he had been advised the previous day that the works had been completed. PM advised he was awaiting the cost info. PM noted that cost information was awaited. GB suggested that the cost may now have been uploaded and PM agreed to check. (Cross ref CE101)	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult	

			23/04/2015 30/04/2015  07/05/2015	<p>theatres first followed by Children's theatres.</p> <p>PM advised that the works are complete and costs are awaited.</p> <p>DH requested that BMCL confirm that the works had been completed as there was 1 room in interventional which did not appear to be completed.</p> <p>PM noted that cost information was awaited. GB suggested that the cost may now have been uploaded and PM agreed to check.</p>	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015  23/04/2015 30/04/2015  07/05/2015	<p>Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.</p> <p>Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.</p> <p>FS advised that it is WIP to source the fixings/fittings. AF enquired if it would be possible to get sign-off from the service before BMCL carry out the works and this was agreed.</p> <p>GB advised that samples being prepared. BMCL Have a query re the toilet/toilet seat. GB to liaise with GW re Mercury.</p> <p>PM advised that he would agree the WC. GB noted that he thought the WC had been agreed. PM advised that BMCL should change the WC.</p>	
3610	PMI 375	CHILDREN'S HOSPITAL ENTRANCE VESTIBULE - ATM MACHINE BASE	07/04/2015  23/04/2015 30/04/2015 07/05/2015	<p>Please proceed and prepare base for 2 No ATM's as per attached drawing.</p> <p>Please provide a quotation and proceed with the works for the removal of a section of matwell 1380 x 710mm as indicated on the attached sketch. The resultant void to be filled with painted (black) plywood board with brushed aluminium trim. Plywood to be level with surrounding mat well. The section of matwell that has been CAREFULLY removed should be handed over to the Board (Karen Connelly) for safe storage.</p> <p>PM noted that there were operatives on site to carry out the works. FS agreed to check with HGallagher re progress.</p> <p>PM noted that this item is to be cancelled.</p> <p>PM noted that this item had been cancelled.</p>	
3612	PMI 376 -	ADULT & CHILDREN'S HOSPITAL RADIO NUCLIDE DRAINAGE	07/04/2015  07/05/2015	<p>Proceed with works identified under PMI 347.</p> <p>The Board confirm the requirement to alter the drainage to RNM/SCH areas in accordance with the Radiation Compliance Advice Schedule dated October 2010, and as set out in BMCE Action Tracker dated 24th February 2015 noting that the action responsibility is not agreed liability.</p> <p>As PMI 347 – Item closed. Cross ref CE 094</p>	
3662	PMI 378 -	Steel Frame Supports - CT rooms	20/04/2015 23/04/2015 30/04/2015	<p>Please provide 2no. steel frame supports for injectors in ground floor CT Rooms installed with fixing plates 100mm above suspended ceiling</p> <p>FS noted that the works had been carried out. PM to review the costs.</p> <p>GW noted that cost is circa [REDACTED]. DH to confirm where costs to be allocated.</p>	

			07/05/2015	PM advised that he would liaise with DH re allocation of costs (cross ref CE 107 )	
3679	PMI 381	ARRIVAL SQUARE - 4 No. BUS CAGES (WHITE LINING)	22/04/2015 22/04/2015 07/05/2015	BMCE are instructed to mark out 4 bus cages as per the attached drawing, to include the names bus stance and individual bus cages. PM noted that the works had been completed. PM advised that he would include this item in the arrival square CE. (cross ref CE 105 )	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015  22/04/2015 30/04/2015  07/05/2015	Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.  Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel. PM noted that this is priority work DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be removed. PM advised that he is awaiting confirmation of the costs. PM suggested that Starkstrom have taken the pendant away.	
3685	PMI 383 -	ADULT THEATRES LEVEL 2 - MAIN ACCESS DOORSET D-02-THE-005	23/04/2015   30/04/2015  07/05/2015	Brookfield are instructed to supply and fit electronic locks wired to the existing swipe card reader and disengage white proximity 'hand swipe' switch. Completed installation should match those installed on bridgelink re-gen kitchens.  This double doorset has been fitted with an DORMA overdoor automatic door system, a card reader and keypad (outside), a green push button for operation (in department), and outside a hand swipe proximity switch.  Please supply electronic locks as per re-gen kitchens on adult ward floors, so that operation of doors is automatic and operated by card from outside and push button from inside department. Please disconnect white proximity swipe switch, remove and cover over with proprietary stainless steel plate. Proceed with works as quickly a possible.  Note the bulk of the system is installed bar the electronic locks. DH noted that a bolt/grabber arrangement needs to be put on the door (similar to that on the regen kitchen) so that it stops the public going straight into the recovery area. GW advised that the cost information had been uploaded earlier that day. PM noted that the works had been concluded. FS noted that the part had been taken of the regen kitchen fixing on level 7 and BMCL would replace this asap. (Cross ref CE 102 )	



3700	PMI 384 -	ADULT & CHILDRENS HOSPITAL - SIGNAGE FOR BABY FEEDING	27/04/2015  30/04/2015 07/05/2015	In both hospitals please replace baby feeding signs, by replacing 'bottle' sign with 'nursing mother' sign.  In both hospitals please replace signs, by replacing 'bottle' sign with 'nursing mother' sign. Basic costs provided to date are Glasgow Signs - [REDACTED]; Signbrand - [REDACTED] (for updating interactive way finding templates). PM agreed to provide a PMI to confirm the way forward. PM advised that he would provide a CE asap (cross ref CE 103)	
3701	PMI 385 -	Aseptic Suite - Add to BMS	27/04/2015  30/04/2015 07/05/2015	Please provide a cost to connect 2no. cold rooms located within the Aseptic Suite to the BMS for monitoring temperature and providing alarms for out of specification conditions. DW advised that this matter was currently with Mercury. DW noted that he would chase Mercury up for the costs. (Cross ref CE 106 )	
3710	PMI 386 -	NEW HOSPITALS - GOVAN ROAD WHITE LINING	28/04/2015  30/04/2015 07/05/2015	Please install additional white road markings as per the attached drawing from Glasgow City Council. GW noted that the works had been completed the previous day PM advised that he would include this item in the arrival square CE. (Cross ref CE 105 )	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015  07/05/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time. DW advised that the works had been carried out. PM advised that the costs are awaited	
3714	PMI 388 -	CHILDREN'S HOSPITAL - TEENAGE CANCER TRUST ROOM TCT 002	29/04/2015 30/04/2015 07/05/2015	Please proceed to supply and fit HW F&R, CW feed and drainage to TCT 002 from adjacent room. PM noted that he understood the works were being progressed. It was noted that works would be commencing that day (cross ref CE 104 )	
3723	PMI 389 -	NEW HOSPITALS EXTERNAL SIGNAGE - ADDITIONAL TEMPORARY SIGNS	01/05/2015  07/05/2015	Please procure and install the signage as per the attached sketch drawings.  Please procure and install the signage as per the attached sketch drawings. Signs to be plastic, white background with dark blue lettering to match typeface of signs installed by Glasgow Signs. Sign in grass area off Langlands Drive to have support posts to be driven into ground, eg not metal with concrete foundation. These signs are temporary until the new signage system beds down. Note remove NHS and Scot Gov signs on fence to Phase 3A compound. PM advised that he would check the temp signage.	
3731	PMI 390	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	06/05/2015	As part of the reprogramming process (room numbering) currently underway by Static Systems please include for the silencing of the noise alarm link from the CD Cupboards to the nurse call system, but retain the warning light link. Please issue this instruction immediately.	

3740	PMI 391	CHILDREN'S THEATRES - ADDITIONAL POWER OUTLETS IN 5 ROOMS	07/05/2015	<p>Brookfield Multiplex are instructed to proceed and procure and install additional 13A switched power outlets as set out on the attached drawings and schedule.</p> <p>These sockets are located in the following rooms THE-085, THE-092, THE-098, THE-109 and THE-114. The sockets are located either above ceiling level or on existing wall trunking at desk level, the additional sockets are for additional monitors. Access to ceiling void either via Starkstrom pendant shroud or through ceiling light fittings, in both location mount sockets close to these access points. Starkstrom will be involved in the installation and it is recommended that a co-ordination meeting is held on site to discuss prior to install of sockets proceeding. The sockets require to be installed as quickly as possible no later than 29th May 2015.</p>	
3752	PMI 392	- INS / NEUROSURGICAL ENTRANCE WORKS - ASBESTOS PIPE	12/05/2015	<p>On discovery of unidentified Asbestos pipe provide quotation for the following:</p> <ul style="list-style-type: none"> <li>• Provision of detailed safe system of work for review</li> <li>• Removal of cement based pipe by Licensed Contractor</li> </ul> <p>The post removal monitoring and testing will be arranged by Board</p> <p>Please proceed with the works to remove the section of pipe as quickly as possible.</p>	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p>	
3754	PMI 394	- ADULT HOSPITAL THEATRES - HAI SCRIBE TEMPORARY PARTITION	12/05/2015	<p>In order to complete the works to the two hybrid theatres (THE-228 &amp; THE 232) the Board request the construction of a temporary partition within the 'live' theatre corridor to segregate construction and clinical activity.</p> <p>This follows a review with clinical users and infection control. Works to include remedials to floors, walls and ceilings as required.</p>	
3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015	<p>Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 1/2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings.</p>	
3764	PMI 396 -	Sprinkler Head RCI-013	13/05/2015	<p>The Board request the relocation of 1no. sprinkler head in RCI-013, Interventional Radiology Lab, currently located between the Toshiba gantry rails and likely to incur damage upon movement of the gantry carriage.</p>	

3767	PMI 397 -	Door Access Control & Fire Escape - Conflict - Confirmation	13/05/2015	Following the identification of a conflict between door access control and fire escape the Board clarify that the fire escape should take preference at the door between RNM-017 and RAF -117 and that the swipe/exit break glass should be swapped to allow fire exit from Nuclear Medicine to Radiology as signed.	
3768	PMI 398	Isolation and removal of exit buttons	13/05/2015	The Board request the isolation and removal of exit buttons from the access control doors at the interconnection between: a) RNM 017 and RAF 117 b) RNM 001 and THE 075 in order to eliminate the risk of accidental/unmonitored access to the Nuclear Medicine Dept. Break glass door release units to be retained and covers to be fitted to reduce accidental damage.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15075	CE 096	Group 5 Installation - Dilapidation Works	30/04/2015	Please proceed with works as established under PMI 349 to complete decoration of rooms post completion of Gp 5 equipment installation works.	
15076	CE 097	ADULT HOSPITAL RETAIL UNITS - SPRINKLER COMMISSIONING	30/04/2015	Works identified under PMI 355 to drain down and re fill sprinkler systems within the two retail units for M&S and WH Smith.	
15077	CE 098	Renal Services - Cold Water Supplies and Outlets	30/04/2015	Please supply and install additional CW outlets for emergency use when main system is being run through the heat sanitisation process.	
15078	CE 099	CHILDREN'S HOSPITAL - SENSORY ROOMS ADDITIONAL POWER OUTLETS	30/04/2015	Please proceed with PMI 370 and install additional power outlets as indicated on drawings provided.	
15184	CE 100	CHILDREN'S HOSPITAL - PROVISION OF POWER SOCKETS FOR PARAGON INSTALLATION	12/05/2015	Acceptance of PMI 352 to supply and install additional power outlets in NCH ED and Radiology departments. Funded from YCC. Agreed cost [REDACTED] incl OH+P but excluding VAT.	
15185	CE 101	ADULT & CHILDRENS HOSPITAL - REGENERATION TROLLEY POWER OUTLETS	12/05/2015	Supply and install 16 A commando style outlets for all regeneration food trolley locations (nom 80 No.) as set out in PMI 371. Proceed and install. Agreed cost [REDACTED] incl OH+P but excluding VAT.	
15186	CE 102	ADULT THEATRES - MAIN ENTRANCE DOORSET D-02-THE-005	12/05/2015	Supply and install exlectronic lock (2No.) to existing door security installation as set out in PMI 383. Dsconnect white proximity switch. Agreed cost [REDACTED] incl OH+P but excluding VAT.	
15187	CE 103	ADULT & CHILDRENS HOSPITALS - SIGNAGE FOR BABY FEEDING	12/05/2015	Proceed with work to change signs as set out in PMI 384.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
15188	CE 104	CHILDRENS HOSPITAL -	12/05/2015	Proceed and install water and drainage services to rooms as set out in PMI 388.	

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		WORK TO ROOMS TCT 002 & SCH 077		Agreed cost [REDACTED] incl OH+P but excl VAT.	
15189	CE 105	ARRIVAL SQUARE & GOVAN ROAD - ADDITIONAL WHITE LINING	12/05/2015	<p>Proceed with works included in PMI 381 4 No Bus Cages and PMI 386 GCC changes to Govan Rd white lining.</p> <p>Agreed costs  PMI 381 - [REDACTED] incl OH+P but excluding VAT  PMI 386 - [REDACTED] incl OH+P but excluding VAT  Total - [REDACTED] ex VAT</p>	
15190	CE 106	ASEPTIC SUITE 2 @ COLD ROOMS - CONNECTION TO BUILDING MANAGEMENT SYSTEM	12/05/2015	<p>Please proceed and connect 2 No. cold rooms in the aseptic suite to the BMS.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	
15192	CE 107	GROUND FLOOR CT ROOMS	12/05/2015	<p>Proceed with works set out in PMI 378 to provide steel support plates for CT injectors 100mm above ceilings as directed.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	

#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMCL so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) **GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is

expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) **It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015)**

- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DH advised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015) FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan. (19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015) FS advised that the Schiehallion tests had been completed. FS would need to check if ABrennan had been asked to return to site to carry of the hatches at nuclear medicine. (30/04/2015) **FS advised that AB (team) is due back on site on 12/05/2015 to conclude checking (07/05/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) **DW advised that he would seek a status update (07/05/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) **DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the

previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015) DW advised that BMCL are chasing up electrician visit to site (07/05/2015)

- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015)
- Ceiling tiles – it was noted that BMCL had carried out a survey post completion re damaged/dirty tiles/decoration and that BMCL are now concerned about who has responsibility for cleaning up/installing tiles damaged by the NHS contractors. PM advised that BMCL should upload the ceiling tile survey to Aconex as as record of the works that BMCL needed to undertake. (26/03/2015) AF advised that he had noticed that there were more ceiling tiles out. FS advised that he was still doing the ultimate sweep on the ground floor. (02/04/2015) FS advised that he was of the understanding that BMCL were not to replace ceiling tiles as this is now an NHS matter (07/05/2015)
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015) PM noted that DH is going to get a C&B Rep to provide an overview of the new regs. The Plan is to prepare process of who does what, etc. GB. FS and DW to attend the session for BMCL being organized by DH. (30/04/2015) PM noted that a meeting had taken place. The process for RAMS/CDMC was being written up. FS advised that BMCL had given back all their access cards (07/05/2015)
- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015)
- HAI Scribe theatres – PMI to be provided. Partition to be constructed - doors and vents to be taped up, etc. (30/04/2015) Item closed however PMI to be provided. (07/05/2015)




- RAG Cooling – DH noted that BMCL were reviewing the cooling arrangements (30/04/2015) DW advised that there is still a cooling issue on level 1. The scanner installed is different to what the design is based upon. WIP to conclude (07/05/2015)
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015)
- Compound area on ground floor Car Park – AF requested that the compound area be moved asap. (30/04/2015) FS advised that this is WIP to remove and would be concluded over the weekend (07/05/2015)
- Signage at Main door – AF advised that he expected this to be onsite w/c 04/05/2015. GW to liaise with Land Eng who are procuring the sign. PM advised that he needed the external and road signage concluded asap. GB noted that Land Eng were to have their works completed by 04/05/2015. PM advised that Natasha had carried out a walkround and had identified that there is signage missing. Natasha has prepared a report regarding the missing signage. Norsigns to be asked to confirm that they think they have completed all their signage. DH noted that a sign at Labs 1/CT Room (Interventional) needed to be swapped over (30/04/2015) FS advised that he will get the signage at the front door checked (07/05/2015)
- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof. (30/04/2015) GB noted that proposals had been received and was with Ginkgo. GB would provide information to the NHS once proposal is finalized (07/05/2015)
- Link to neonatal – it was acknowledged that the link is ready for use but that the flashings were to be completed. DW was requested to liaise with IP. DH noted that the swipe card access needed to be swapped over as Maternity gets locked down at night. There was a query re 2 means of escape and it had been requested that the break glass be left in. (30/04/2015) PM noted that there is a gap in the ceiling tile finishes. FS agreed to review and remediate. FS advised that he had met with IP and been advised of the light issue. DW will check if the lights have a PIR sensor (07/05/2015)
- VIE turning circle – FS agreed to check the status of the works and feedback to PM. (30/04/2015) FS advised that there is a street light column in the way and that the works would be complete the following week. (07/05/2015)
- Office Moves – AF noted that it had been proposed to vacate the cabins by end of May and for everyone to move across to Ward 20. Further to seeing the area available for use by BMCL it was considered to be too small to accommodate all the BMCL personnel who will be moving off site. BMCL would be putting a small office/couple of portacabins onto the site – Gillon Armstrong and Paul McGuinness would use these offices. PM agreed to consider the way forward for the NHS staff who need to relocate. (30/04/2015) PM suggested that the NHS Team would be moving to the Management Building (07/05/2015)
- Surface Car Park – it was noted that a few comments had been made by GCC Planners i.e. reposition of entrance road, some more soft landscaping – Land Eng will be requested to update drawings and thereafter BMCL would discuss with PM (30/04/2015) GB advised that he had fed back to Land Eng and that Land Eng are progressing with the updated drawings. GB would chase up the return of the docs. (07/05/2015)



**EARLY WARNINGS**


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 13/05/2015:

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works.</p> <p>DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05//2015 14/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p> <p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
2494 5	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015  07/05//2015	<p>Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works</p> <p>GB advised that GArmstrong is liaising with GForsyth. BMCL are awaiting a PMI to confirm the way forward.</p>	

24957	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015 07/05/2015 14/05/2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed GB advised that GArmstrong is liaising with GForsyth and further pipe had been discovered and it was thought that it may be a gas pipe. FS noted that more underground services had been discovered.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 13/05/2015

					
SypriD	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p>	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015	The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 13/05/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p>	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	

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			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.
			19/03/2015	GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.
			23/4/2015	PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.
			30/04/2015	GW noted that a CE was required urgently for this item.
			07/05/2015	PM requested that GB issued the drawings is PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review

			14/05/2015	<p>asap.</p> <p>PM noted that he had received the drawings in autocad and would try to locate software to open them.</p>	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	<p>30/01/2015</p> <p>05/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.</p> <p>The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.</p> <p>Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council.</p> <p>GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.</p> <p>PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.</p> <p>PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.</p> <p>PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015</p> <p>PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.</p> <p>PM advised that he had informally heard that the shelters will be available from April.</p> <p>PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.</p> <p>PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.</p> <p>PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CE for the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW suggested that the masterplan would need to be updated and there would be a design cost incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised</p>	

			<p>23/04/2015 that the stances do not work without the kicked out section and a drawing should be issued to tell them what has been done.</p> <p>30/04/2015 PM advised that he had met on site the previous day with Trueform. An alternate plan is being worked through which would mean that there may be less granite to be lifted. PM is liaising with PMc and PMc is liaising with Land Eng. GW npted that BMCL would need to do a revised Land Eng cost PM advised that different stances would need different amounts of granite lifted – some less/some more and suggested that the cost be left as is for now and once the works are complete final cost can be identified. The costs for the sharks fin and light column were to be rolled into one CE.</p> <p>07/05/2015 GW advised that the costs had been provided for this item the previous day along with costs for PMI 355 and PMI 359. PM to advise where costs are to be uploaded to. PM advised that it would be a single CE covering the 3 PMIs and he would liaise with AKerr.</p> <p>14/05/2015 PM advised that he would be meeting with AKerr w/c 11/05/2015 to plan/agree the CE. PM advised that he would provide a CE asap</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015 Relocate lighting column to avoid bus stop.</p> <p>12/02/2015 The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>19/02/2015 PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>26/02/2015 PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>05/03/2015 PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>12/03/2015 PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>19/03/2015 PM advised that an amendment would be advised via a separate PMI.</p> <p>26/03/2015 It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>07/05/2015 PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p> <p>14/05/2015 PM advised that the core cutting was ongoing and that the shelters were due to arrive w/c 11<sup>th</sup> May 2015. PM noted that works are ongoing</p>	



3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p>	<p>The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A. Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p> <p>GW advised this is WIP to obtain costs.</p> <p>Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution.</p> <p>GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</p> <p>DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.</p> <p>DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>It was noted that costs are awaited.</p> <p>GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p> <p>FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].</p> <p>PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.</p> <p>PM advised that the costs did not appear to be value for money and DR has subsequently reviewed the costs and would discuss with GW.</p> <p>DH advised that DR and GW have discussed at GW is reviewing the scope of works and the associated costs. DH suggested that it would be beneficial for DH, CG and GW to discuss the</p>	

				scope of works. The engineers had advised that the drainage isn't big enough if all the machines are running and discharging at the same time. GB noted he had previous experience of this situation in another project and that an attenuation drain had to be built in.	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015 14/05/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31 <sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015 DP advised that the design is due to be provided imminently. DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap. PM and DL to discuss/agree the way forward asap. PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly. PM advised that the information is with IP for review. DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015 26/02/2015 05/03/2015 12/03/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015. GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer. PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. . GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however	

			<p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>14/05/2015</p>	<p>BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</p> <p>DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.</p>	
3457	PMI 352	NCH ED & Radiology Power PMI	<p>04/03/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p>	<p>The Board confirm that the additional electrical works required for the Paragon installation to NCH ED &amp; Radiology are to be undertaken in accordance with the attached drawings and are to be included within the costs allocated to PMI 328</p> <p>DP enquired if there had been any discussion re what wiring is wanted. DH advised that he understood that MRoss has discussed this with MMacleod and Paragon.</p> <p>DP advised that it was understood what is to be done. DH advised that the Charity would be paying for these works.</p> <p>DH advised that this matter is being funded separately by the charity therefore once the costs have been provided then a CE could be provided. GW noted that a Building Warrant was required for this item.</p> <p>DH advised that these works need to be completed by 30/03/2015. DP noted that he understood the works were currently being done. GW noted that he would provide the cost asap. DP advised that GW would instruct the works and he would follow-up the instruction with a phone call.</p> <p>DH noted that the Paragon works had been agreed between BMCL and Mercury and are trying to get the materials on site asap. Mercury have advised that to complete the works by Tuesday is not possible. Mercury advised that need to push on these works. GW advised that the cost had been uploaded to Sypro the previous day.</p> <p>FS advised that the power was in however he would need to check about the data. GW noted that this was being financed through the contingency sum and that he was not expecting a CE for this item.</p> <p>FS confirmed that the data works had been concluded. GW noted that he would need to budget transfer from PMI 328 (circa 17k). PM agreed to check with MMacleod and check that the works are complete.</p>	

			07/05/2015	PM noted that he had discussed this with DL and PM proposed to issue a CE for (cross ref)	
			14/05/2015	It was agreed that this item was closed.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>05/03/2015 GW advised that he would upload the costs asap. 19/03/2015 GW advised that this is under review by Paul. 26/03/2015 It was noted that GB is awaiting info re design fees, etc. 02/04/2015 GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap. 22/04/2015 PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel. 29/04/2015 GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc. 07/05/2015 PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions.</p> <p>14/05/2015 GB advised that the design strategy and fire strategy checks. The information was back with Paul.</p>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	20/03/2015	<p>Undertake trial digs to investigate unknown underground services.</p> <p>Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.</p> <p>26/03/2015 It was noted that an instruction had been issued the previous Friday to commence the works. 22/04/2015 GW advised that the costs would be discussed on the basis of the actual works carried out. 30/04/2015 GB suggested that investigative works were ongoing and that an asbestos pipe had been</p>	

			07/05/2015 14/05/2015	discovered. GW noted that BMCL would need to review the programme. PM noted that cost information was awaited FS noted that investigation works are ongoing	
3557	PMI 367	ADULT HOSPITAL - LEVEL 10 ROOM WS10-006	23/03/2015  26/03/2015  02/04/2015 22/04/2015 30/04/2015 07/05/2015  14/05/2015	Please replace broken window to this room. The window to this room (nom. 2m x 1m) has been found to be shattered with glass remaining in place. The room has been locked off, and the atrium at Level 0 has been cordoned off. Please discuss and develop with the installer a safe method of removal of the glass and as quickly as possible procure a replacement and have installed. Note the panel is a single pain. Please also establish with the installer the likely cause of the breakage. Refer attached photos. FS noted that he had been advised that it will be 2 weeks to get the glass on site. BMCL will keep the area barriered off and access to the room locked off. FS advised that the rep has confirmed to be on site w/c 13/04/2015 FS advised that the glass had been replaced. GW noted that the costs are awaited from Henshaw. PM advised that a CE would be provided once the costs were known. PM noted that cost information was awaited so that the CE could be issued. It was suggested that the cost may now be on the system and PM agreed to check. FS advised that this item could be closed.	(CE 108 )
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015    02/04/2015 23/04/2015 07/05/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance. Cross ref PMI 333 PM noted that the works had been done. PM agreed to provide the CE	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015   23/04/2015 30/04/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres. PM advised that the works are complete and costs are awaited. DH requested that BMCL confirm that the works had been completed as there was 1 room in interventional which did not appear to be completed.	

			07/05/2015 14/05/2015	PM noted that cost information was awaited. GB suggested that the cost may now have been uploaded and PM agreed to check. Sypro to be checked for the cost information.	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015  23/04/2015 30/04/2015 07/05/2015 14/05/2015	Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.  Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015. FS advised that it is WIP to source the fixings/fittings. AF enquired if it would be possible to get sign-off from the service before BMCL carry out the works and this was agreed. GB advised that samples being prepared. BMCL Have a query re the toilet/toilet seat. GB to liaise with GW re Mercury. PM advised that he would agree the WC. GB noted that he thought the WC had been agreed. PM advised that BMCL should change the WC. GB advised that these works were being progressed. FS noted that HGallagher is progressing the works.	(CE 109 )
3662	PMI 378 -	Steel Frame Supports - CT rooms	20/04/2015 23/04/2015 30/04/2015 07/05/2015 14/05/2015	Please provide 2no. steel frame supports for injectors in ground floor CT Rooms installed with fixing plates 100mm above suspended ceiling FS noted that the works had been carried out. PM to review the costs. GW noted that cost is circa [REDACTED]. DH to confirm where costs to be allocated. PM advised that he would liaise with DH re allocation of costs Agreed item could be closed(cross ref CE 107 )	
3679	PMI 381	ARRIVAL SQUARE - 4 No. BUS CAGES (WHITE LINING)	22/04/2015 22/04/2015 07/05/2015 14/05/2015	BMCE are instructed to mark out 4 bus cages as per the attached drawing, to include the names bus stance and individual bus cages. PM noted that the works had been completed. PM advised that he would include this item in the arrival square CE. Agreed item could be closed(cross ref CE 105 )	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF- 080	22/04/2015    22/04/2015 30/04/2015	Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.  Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel. PM noted that this is priority work DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be	



			07/05/2015 14/05/2015	removed. PM advised that he is awaiting confirmation of the costs. PM suggested that Starkstrom have taken the pendant away. PM noted that he is awaiting the cost for the isolation, etc.	
3685	PMI 383 -	ADULT THEATRES LEVEL 2 - MAIN ACCESS DOORSET D-02-THE-005	23/04/2015          30/04/2015   07/05/2015 14/05/2015	<p>Brookfield are instructed to supply and fit electronic locks wired to the existing swipe card reader and disengage white proximity 'hand swipe' switch. Completed installation should match those installed on bridgelink re-gen kitchens.</p> <p>This double doorset has been fitted with an DORMA overdoor automatic door system, a card reader and keypad (outside), a green push button for operation (in department), and outside a hand swipe proximity switch.</p> <p>Please supply electronic locks as per re-gen kitchens on adult ward floors, so that operation of doors is automatic and operated by card from outside and push button from inside department. Please disconnect white proximity swipe switch, remove and cover over with proprietary stainless steel plate. Proceed with works as quickly a possible.</p> <p>Note the bulk of the system is installed bar the electronic locks.</p> <p>DH noted that a bolt/grabber arrangement needs to be put on the door (similar to that on the regen kitchen) so that it stops the public going straight into the recovery area. GW advised that the cost information had been uploaded earlier that day.</p> <p>PM noted that the works had been concluded. FS noted that the part had been taken of the regen kitchen fixing on level 7 and BMCL would replace this asap.</p> <p>FS noted that the replacement part had been fitted. Agreed item could be closed(Cross ref CE 102 )</p>	
3700	PMI 384 -	ADULT & CHILDRENS HOSPITAL - SIGNAGE FOR BABY FEEDING	27/04/2015    30/04/2015 07/05/2015 14/05/2015	<p>In both hospitals please replace baby feeding signs, by replacing 'bottle' sign with 'nursing mother' sign.</p> <p>In both hospitals please replace signs, by replacing 'bottle' sign with 'nursing mother' sign. Basic costs provided to date are Glasgow Signs - [REDACTED]; Signbrand - [REDACTED] (for updating interactive way finding templates).</p> <p>PM agreed to provide a PMI to confirm the way forward.</p> <p>PM advised that he would provide a CE asap</p> <p>Agreed item could be closed (cross ref CE 103)</p>	
3701	PMI 385 -	Aseptic Suite - Add to BMS	27/04/2015  30/04/2015 07/05/2015	<p>Please provide a cost to connect 2no. cold rooms located within the Aseptic Suite to the BMS for monitoring temperature and providing alarms for out of specification conditions.</p> <p>DW advised that this matter was currently with Mercury.</p> <p>DW noted that he would chase Mercury up for the costs. (Cross ref CE 106 )</p>	



3710	PMI 386 -	NEW HOSPITALS - GOVAN ROAD WHITE LINING	28/04/2015 30/04/2015 07/05/2015	Please install additional white road markings as per the attached drawing from Glasgow City Council. GW noted that the works had been completed the previous day PM advised that he would include this item in the arrival square CE. (Cross ref CE 105 )	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015 07/05/2015 14/05/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time. DW advised that the works had been carried out. PM advised that the costs are awaited Noted that costs are awaited	
3714	PMI 388 -	CHILDREN'S HOSPITAL - TEENAGE CANCER TRUST ROOM TCT 002	29/04/2015 30/04/2015 07/05/2015 14/05/2015	Please proceed to supply and fit HW F&R, CW feed and drainage to TCT 002 from adjacent room. PM noted that he understood the works were being progressed. It was noted that works would be commencing that day Agreed item could be closed (cross ref CE 104 )	
3723	PMI 389 -	NEW HOSPITALS EXTERNAL SIGNAGE - ADDITIONAL TEMPORARY SIGNS	01/05/2015 07/05/2015 14/05/2015	Please procure and install the signage as per the attached sketch drawings.  Please procure and install the signage as per the attached sketch drawings. Signs to be plastic, white background with dark blue lettering to match typeface of signs installed by Glasgow Signs. Sign in grass area off Langlands Drive to have support posts to be driven into ground, eg not metal with concrete foundation. These signs are temporary until the new signage system beds down. Note remove NHS and Scot Gov signs on fence to Phase 3A compound. PM advised that he would check the temp signage. PM noted that 4 signs had been put up.	
3731	PMI 390	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	06/05/2015 14/05/2015	As part of the reprogramming process (room numbering) currently underway by Static Systems please include for the silencing of the noise alarm link from the CD Cupboards to the nurse call system, but retain the warning light link. Please issue this instruction immediately. Pm noted that cost is awaited. DW advised that CI had been issued to Mercury by BMCL.	
3740	PMI 391	CHILDREN'S THEATRES - ADDITIONAL POWER OUTLETS IN 5 ROOMS	07/05/2015	Brookfield Multiplex are instructed to proceed and procure and install additional 13A switched power outlets as set out on the attached drawings and schedule.  These sockets are located in the following rooms THE-085, THE-092, THE-098, THE-109 and THE-114. The sockets are located either above ceiling level or on existing wall trunking at desk level, the additional sockets are for additional monitors. Access to ceiling void either via Stakstrom pendant shroud or through ceiling light fiments, in both location mount sockets close to these access points. Starkstrom will be involved in the installation and it is recommended that a co-ordination meeting is held on site to discuss prior to install of sockets proceeding. The sockets require to be installed as quickly as possible no later than 29th May 2015.	
3752	PMI 392	- INS / NEUROSURGICAL ENTRANCE WORKS - ASBESTOS PIPE	12/05/2015	On discovery of unidentified Asbestos pipe provide quotation for the following: <ul style="list-style-type: none"> <li>Provision of detailed safe system of work for review</li> <li>Removal of cement based pipe by Licensed Contractor</li> </ul> The post removal monitoring and testing will be arranged by Board	



3768	PMI 398	Isolation and removal of exit buttons	13/05/2015	The Board request the isolation and removal of exit buttons from the access control doors at the interconnection between: a) RNM 017 and RAF 117 b) RNM 001 and THE 075 in order to eliminate the risk of accidental/unmonitored access to the Nuclear Medicine Dept. Break glass door release units to be retained and covers to be fitted to reduce accidental damage. <b>DW noted that he would get this item progressed asap.</b>	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015	Please supply and install additional turfing to areas A & B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.  In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.  At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015	Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure.	
3781	PMI 402	CPS -004	19/05/2015	The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.  Costs to be allocated to PMI 328 contingency sum.	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15075	CE 096	Group 5 Installation - Dilapidation Works	30/04/2015	Please proceed with works as established under PMI 349 to complete decoration of rooms post completion of Gp 5 equipment installation works.	Item closed 19/05/2015
15076	CE 097	ADULT HOSPITAL RETAIL UNITS - SPRINKLER COMMISSIONING	30/04/2015	Works identified under PMI 355 to drain down and re fill sprinkler systems within the two retail units for M&S and WH Smith.	Item closed 19/05/2015
15077	CE 098	Renal Services - Cold Water Supplies and Outlets	30/04/2015	Please supply and install additional CW outlets for emergency use when main system is being run through the heat sanitisation process.	Item closed 19/05/2015
15078	CE 099	CHILDREN'S HOSPITAL - SENSORY ROOMS ADDITIONAL POWER OUTLETS	30/04/2015	Please proceed with PMI 370 and install additional power outlets as indicated on drawings provided.	Item closed 19/05/2015
15184	CE 100	CHILDREN'S HOSPITAL - PROVISION OF POWER SOCKETS FOR PARAGON INSTALLATION	12/05/2015	Acceptance of PMI 352 to supply and install additional power outlets in NCH ED and Radiology departments. Funded from YCC. Agreed cost [REDACTED] incl OH+P but excluding VAT.	Item closed 19/05/2015
15185	CE 101	ADULT & CHILDRENS HOSPITAL - REGENERATION TROLLEY POWER OUTLETS	12/05/2015	Supply and install 16 A commando style outlets for all regeneration food trolley locations (nom 80 No.) as set out in PMI 371. Proceed and install. Agreed cost [REDACTED] incl OH+P but excluding VAT.	Item closed 19/05/2015
15186	CE 102	ADULT THEATRES - MAIN ENTRANCE DOORSET D-02-THE-005	12/05/2015	Supply and install exlectronic lock (2No.) to existing door security installation as set out in PMI 383. Dsconnect white proximity switch. Agreed cost [REDACTED] incl OH+P but excluding VAT.	Item closed 19/05/2015
15187	CE 103	ADULT & CHILDRENS HOSPITALS - SIGNAGE FOR BABY FEEDING	12/05/2015	Proceed with work to change signs as set out in PMI 384.  Agreed cost [REDACTED] incl OH+P but excl VAT.	Item closed 19/05/2015
15188	CE 104	CHILDRENS HOSPITAL - WORK TO ROOMS TCT 002 & SCH 077	12/05/2015	Proceed and install water and drainage services to rooms as set out in PMI 388.  Agreed cost [REDACTED] incl OH+P but excl VAT.	Item closed 19/05/2015
15189	CE 105	ARRIVAL SQUARE & GOVAN ROAD - ADDITIONAL WHITE LINING	12/05/2015	Proceed with works included in PMI 381 4 No Bus Cages and PMI 386 GCC changes to Govan Rd white lining.  Agreed costs PMI 381 - [REDACTED] incl OH+P but excluding VAT PMI 386 - [REDACTED] incl OH+P but excluding VAT Total - [REDACTED] ex VAT	Item closed 19/05/2015

15190	CE 106	ASEPTIC SUITE 2 @ COLD	12/05/2015	Please proceed and connect 2 No. cold rooms in the aseptic suite to the BMS.	Need cost info
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		ROOMS - CONNECTION TO BUILDING MANAGEMENT SYSTEM		Agreed cost [REDACTED] incl OH+P but excl VAT.	added to acceptance box
15192	CE 107	GROUND FLOOR CT ROOMS	12/05/2015	Proceed with works set out in PMI 378 to provide steel support plates for CT injectors 100mm above ceilings as directed.  Agreed cost [REDACTED] incl OH+P but excl VAT.	Item closed 19/05/2015
15221	CE 108	ADULT HOSPITAL STAIR CORE A LEVEL 10 - REPLACE WINDOW	14/05/2015	Replace broken pane of glass to waiting room WS 10-006, all as set out in PMI 367.	
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015	Please proceed with works set out in PMI 373.	

#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMCL so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) **It was noted that a meeting is being organized (14/05/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and

will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) **DW noted that the switch for the valve is awaited (14/05/2015)**

- RPA – all tests will be done before the 26<sup>th</sup> January 2015 as planned. Schiehallion was always programmed to be after handover and will be included in the schedule. Cursory low grade check carried out and everything passed with exception of glass which was known about (08/01/2015) DH advised that HGallagher is liaising with ABrennan re glass thickness. (15/01/2015) DH agreed to liaise with A Brennan (22/01/2015) AF noted that the doors are expected by end Feb 2015. (05/02/2015) FS advised that FW has queried the glass, BMCL have not taken the glass out. FW has also queried the blind as this shouldn't be there. FS is checking out the blind query. Once the doors are installed then testing can be undertaken (12/02/2015). Door delivery planned for 20/02/2015. BM to contact Andy Brennan once works complete. (19/02/2015). FS advised that he proposed to contact AB imminently (05/03/2015) FS advised that testing is taking place in the dental room and Schiehallion. FS had liaised with FW. BMCL awaiting confirmation that can do the other 2 rooms. DH agreed to liaise with ABrennan. (19/03/2015) It was noted that ABrennan had been organized to be on site on 10<sup>th</sup> & 13<sup>th</sup> April to carry out checks on Schiehallion and Dental. FS will check the resource for the week prior. (26/03/2015) It was noted that the works are progressing positively. Screens are due on site on 13<sup>th</sup> April and pass through hatches work due to be undertaken w/c 6/04/2015 (02/04/2015) FS advised that the Schiehallion tests had been completed. FS would need to check if ABrennan had been asked to return to site to carry of the hatches at nuclear medicine. (30/04/2015) FS advised that AB (team) is due back on site on 12/05/2015 to conclude checking (07/05/2015) **FS advised that AB had completed all his checks the previous day. DH to check what report AB provides. Agreed item could be closed (14/05/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) **DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) **PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other



area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) + 13 advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015) DW advised that BMCL are chasing up electrician visit to site (07/05/2015) **DW advised that he had received confirmation that the Vectorfoiltec electrician will be here in the next 3 weeks – BMCL have advised that this timescales isn't good enough (14/05/2015)**


- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) **FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015)**
- 24<sup>th</sup> April 2015 – AF enquired what happens from 24<sup>th</sup> April i.e. how do BMCL approach the building. AF suggested that there should be an agreement in principle as to how to approach things. FS noted that BMCL have a meeting with the BMCL contractors on 17<sup>th</sup> April and it would be good if this information could be shared with the contractors at this meeting (02/04/2015) AF enquired about the principal contractor role from 24<sup>th</sup> April - i.e. public being in the building – this is a major risk for BMCL. (02/04/2015) PM noted that DH is going to get a C&B Rep to provide an overview of the new regs. The Plan is to prepare process of who does what, etc. GB. FS and DW to attend the session for BMCL being organized by DH. (30/04/2015) PM noted that a meeting had taken place. The process for RAMS/CDMC was being written up. FS advised that BMCL had given back all their access cards (07/05/2015) **DH agreed to circulate the note of the meeting (14/05/2015)**
- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015) **DW advised that the blue socket is not on the signed off drawings. DH agreed to check the bedhead drawings (14/05/2015)**
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015) **FS advised that BMCL were not providing a drawing however the planting as discussed would be carried out. (14/05/2015)**



- Signage at Main door – AF advised that he expected this to be onsite w/c 04/05/2015. GW to liaise with Land Eng who are procuring the sign. PM advised that he needed the external and road signage concluded asap. GB noted that Land Eng were to have their works completed by 04/05/2015. PM advised that Natasha had carried out a walkround and had identified that there is signage missing. Natasha has prepared a report regarding the missing signage. Norsigns to be asked to confirm that they think they have completed all their signage. DH noted that a sign at Labs 1/CT Room (Interventional) needed to be swapped over (30/04/2015) **FS advised that he will get the signage at the front door checked (07/05/2015) GB advised that Sheila has a solution from Natasha however there is one query. Sheila is progressing. PM noted that he had query about the external signage. (14/05/2015)**
- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof. (30/04/2015) GB noted that proposals had been received and was with Ginkgo. GB would provide information to the NHS once proposal is finalized (07/05/2015) **GB advised that BMCL were pushing Ginkgo to finalise their proposals (15/5/2015)**
- Link to neonatal – it was acknowledged that the link is ready for use but that the flashings were to be completed. DW was requested to liaise with IP. DH noted that the swipe card access needed to be swapped over as Maternity gets locked down at night. There was a query re 2 means of escape and it had been requested that the break glass be left in. (30/04/2015) **PM noted that there is a gap in the ceiling tile finishes . FS agreed to review and remediate. FS advised that he had met with IP and been advised of the light issue. DW will check if the lights have a PIR sensor (07/05/2015)**
- VIE turning circle – FS agreed to check the status of the works and feedback to PM. (30/04/2015) FS advised that there is a street light column in the way and that the works would be complete the following week. (07/05/2015) **Pm noted that works have been commenced (14/05/2015)**
- Surface Car Park – it was noted that a few comments had been made by GCC Planners i.e. reposition of entrance road, some more soft landscaping – Land Eng will be requested to update drawings and thereafter BMCL would discuss with PM (30/04/2015) GB advised that he had fed back to Land Eng and that Land Eng are progressing with the updated drawings. GB would chase up the return of the docs. (07/05/2015) **GB advised that he had received feedback form Land Eng. GB would get info from Land Eng re proposals and would provide to PM asap. (14/05/2015)**
- Hydrotherapy pool – to be raised as a EW by BMCL. FS advised that BMCL have carried out alterations at the request of the users. The rails going in need to go in on the basis on steps being there and now being told that there needs to be handrails plus steps. BMCL require confirmation of the way forward. PM agreed to liaise with MMacleod. GB noted that the existing recessed steps will remain. (14/05/2015)
- Helipad – GB advised that he is going through the folder and pulling out all the relevant info. PM advised that he would want all the info put on Zutec. DW noted that BMCL would have all the info for the helipad and it would have been given to the CAA (14/05/2015)
- Power in THE 228 to drying cabinet – noted that being advised that the power isn't live. (14/05/2015)
- Consultants – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 27/05/2015:


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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting. Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW. PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the works. DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW</p>	

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				advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>GB noted that collation of the Building Warrants is WIP</p> <p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	

2494 5	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015 07/05/2015 21/05/2015	Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works GB advised that GArmstrong is liaising with GForsyth. BMCL are awaiting a PMI to confirm the way forward. FS advised that BMCL are aware that there is asbestos and it is being dealt with.	
2495 7	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015 07/05/2015 14/05/2015 21/05/2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed GB advised that GArmstrong is liaising with GForsyth and further pipe had been discovered and it was thought that it may be a gas pipe. FS noted that more underground services had been discovered. FS advised that he has provided a full copy of the survey – probed all the areas	


The following Early Warnings have been submitted to BMCL and are awaiting close out as at 27/05/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established. AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL. FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works. FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks. FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015  21/05/2015	The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015. FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.	

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**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 27/05/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.</p>	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4	

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			<p>weeks post handover. An old gas main had been located so operatives are being careful working in that area.</p> <p>15/01/2015 DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed</p> <p>22/01/2015 AF suggested that there would be 4 weeks work post 26<sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.</p> <p>29/01/2015 AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.</p> <p>05/02/2015 GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31<sup>st</sup> March 2015 as is Capital Plan funded.</p> <p>12/02/2015 GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.</p> <p>19/02/2015 Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.</p> <p>19/03/2015 GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.</p> <p>26/03/2015 PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.</p> <p>02/04/2015 PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.</p> <p>23/4/2015 PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.</p> <p>30/04/2015 GW noted that a CE was required urgently for this item.</p>	
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			07/05/2015	PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review asap.	
			14/05/2015	PM noted that he had received the drawings in autocad and would try to locate software to open them.	
3332	PMI 333	ARRIVAL SQUARE - ATTENDANCE FOR INSTALLATION OF 4 No. SHELTERS BY TRUEFORM	30/01/2015	Provide attendance by Land Engineering and BMCE Site Manager during installation, date to be agreed but expected late February or early March 2015.	
				The Board require attendance by Land Engineering to assist with the installation of 4 No. stainless steel bus shelters by Trueform Ltd. Trueform will be contracted by others. Work involves the removal granite setts for main shelter supports, cutting of blocks around legs and re-instatement to provide level surface. There may also be a requirement to lay in an additional 6m length of duct below the granite at 50mm dia, this to be confirmed.	
			05/02/2015	Initially, please provide indicative budget cost for the work to allow Board to budget for these works with Glasgow City Council. GW advised that Andy has a price from Land Eng and he wants to meet with PM to go through. PM advised that he would need a meeting with Land Eng and Truform in due course. PM does not currently have a programme for the works.	
			12/02/2015	PM advised that he had ball park figure and accepted that the Board needed to run with it. As fitted drawings had been received. Confirmation awaited from GCC when works to be programmed. DP noted that the power cables are into the manholes – generally a power point and data point at each of the shelters.	
			19/02/2015	PM confirmed date of works still outstanding following t'com with GCC on 18/02/2015. GW noted some costs still to be firmed up, further meeting to discuss.	
			26/02/2015	PM advised that feedback is awaited from GCC. GW advised that cost had been uploaded to Sypro on 25/2/2015	
			05/03/2015	PM advised that he is awaiting confirmation that the shelters are available for fitting. GW advised that the NHS could instruct BMCL to do the works so that BMCL could instruct LEng therefore holding the price with a note saying the date for the works to be confirmed. PM advised that he will organise to have a meeting with LEng when this matter can be progressed.	
			12/03/2015	PM advised that he had informally heard that the shelters will be available from April.	
			19/03/2015	PM requested that BMCL provide an indication of how long it would take to lift some granite. PM is currently in dialogue to obtain buy-in from Tru-form. Once the go-ahead has been confirmed then PM will organise for PMcGuinness to attend the Land Eng/Tru-form meeting. PM suggested that BMCL should hold off lifting any granite for now.	
			26/03/2015	PM advised that he would organise a meeting with Land Eng and Trueform shortly so a feel for he works to be undertaken can be understood i.e. what needs to be done, what are the preparation works, etc.	
			02/04/2015	PM advised that he was still not able to confirm when the NHS can get the shelters however he needed to be in a position to get the works done asap. PM advised that he would provide a PMI /CE for the column, dock and for exposure for bus shelters. AF noted that BMCL would not be keen to leave the ducts not back-filled. PM noted that GCC do all the lining at bus stances, etc. GW	



			<p>23/04/2015 suggested that the masterplan would need to be updated and there would be a design cost incurred with this. GB suggested that the RCC would potentially need to be updated. PM advised that the stances do not work without the kicked out section and a drawing should be issued to GCC telling them what has been done.</p> <p>30/04/2015 PM advised that he had met on site the previous day with Trueform. An alternate plan is being worked through which would mean that there may be less granite to be lifted. PM is liaising with PMc and PMc is liaising with Land Eng. GW npted that BMCL would need to do a revised Land Eng cost PM advised that different stances would need different amounts of granite lifted – some less/some more and suggested that the cost be left as is for now and once the works are complete final cost can be identified. The costs for the sharks fin and light column were to be rolled into one CE.</p> <p>07/05/2015 GW advised that the costs had been provided for this item the previous day along with costs for PMI 355 and PMI 359. PM to advise where costs are to be uploaded to. PM advised that it would be a single CE covering the 3 PMIs and he would liaise with AKerr.</p> <p>14/05/2015 PM advised that he would be meeting with AKerr w/c 11/05/2015 to plan/agree the CE.</p> <p>21/05/2015 PM advised that he would provide a CE asap</p> <p>PM advised that he would issue a CE covering PMI 333 and PMI 335 later that day.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015 Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>12/02/2015 PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>19/02/2015 PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>26/02/2015 PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>05/03/2015 PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>12/03/2015 PM advised that an amendment would be advised via a separate PMI.</p> <p>19/03/2015 It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>26/03/2015 PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p> <p>07/05/2015 PM advised that the core cutting was ongoing and that the shelters were due to arrive w/c 11<sup>th</sup> May</p>	

			14/05/2015 21/05/2015	2015. PM noted that works are ongoing PM noted that the column still needs to be moved.	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015  12/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015  22/04/2015  30/04/2015 07/05/2015 14/05/2015	<p>The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p> <p>GW advised this is WIP to obtain costs.</p> <p>Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution.</p> <p>GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</p> <p>DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.</p> <p>DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>It was noted that costs are awaited.</p> <p>GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p> <p>FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].</p> <p>PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.</p> <p>PM advised that the costs did not appear to be value for money and DR has subsequently reviewed the costs and would discuss with GW.</p> <p>DH advised that DR and GW have discussed at GW is reviewing the scope of works and the associated costs. DH suggested that it would be beneficial for DH, CG and GW to discuss the</p>	

				scope of works. The engineers had advised that the drainage isn't big enough if all the machines are running and discharging at the same time. GB noted he had previous experience of this situation in another project and that an attenuation drain had to be built in.	
			21/05/2015	SF to organise meeting	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015  07/05/2015 14/05/2015 21/05/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31 <sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015 DP advised that the design is due to be provided imminently. DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap. PM and DL to discuss/agree the way forward asap. PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly. PM advised that the information is with IP for review. DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately. SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015 26/02/2015 05/03/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015. GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer. PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant	

			<p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>14/05/2015</p> <p>21/05/2015</p>	<p>that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</p> <p>DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.</p> <p>SF to organize meeting</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and</p>	

			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015</p> <p>22/04/2015 29/04/2015</p> <p>07/05/2015</p> <p>14/05/2015 21/05/2015</p>	<p>plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap.</p> <p>GW advised that this is under review by Paul.</p> <p>It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p> <p>PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel.</p> <p>GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc.</p> <p>PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions.</p> <p>GB advised that the design strategy and fire strategy checks. The information was back with Paul.</p> <p>GW noted that the costs had been uploaded for NHS review on th 15/05/2015. PM agreed to review asap.</p>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	<p>20/03/2015</p> <p>26/03/2015 22/04/2015 30/04/2015</p> <p>07/05/2015 14/05/2015</p>	<p>Undertake trial digs to investigate unknown underground services.</p> <p>Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.</p> <p>It was noted that an instruction had been issued the previous Friday to commence the works.</p> <p>GW advised that the costs would be discussed on the basis of the actual works carried out.</p> <p>GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme.</p> <p>PM noted that cost information was awaited</p> <p>FS noted that investigation works are ongoing</p>	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	<p>24/03/2015</p> <p>02/04/2015 23/04/2015 07/05/2015 21/05/2015</p>	<p>Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings.</p> <p>Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance.</p> <p>Cross ref PMI 333</p> <p>PM noted that the works had been done.</p> <p>PM agreed to provide the CE</p> <p>PM advised that this would be included in the CE being raised for PMI 333.</p>	

3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015  23/04/2015 30/04/2015  07/05/2015  14/05/2015 21/05/2015	<p>Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.</p> <p>Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres.</p> <p>PM advised that the works are complete and costs are awaited.</p> <p>DH requested that BMCL confirm that the works had been completed as there was 1 room in interventional which did not appear to be completed.</p> <p>PM noted that cost information was awaited. GB suggested that the cost may now have been uploaded and PM agreed to check.</p> <p>Sypro to be checked for the cost information.</p> <p><b>PM advised that the cost info had been uploaded to Sypro on 14/05/2015 for NHS review.</b></p>	
3606	PMI 373	CHILDRENS HOSPITAL DCFP - ANTI-LIG REVIEW	02/04/2015  23/04/2015 30/04/2015 07/05/2015 14/05/2015 21/05/2015	<p>Please investigate the attached schedule and confirm costs as noted, to DCFP Level 4.</p> <p>Please investigate the attached schedule and confirm costs as noted, works to be complete no later than 5th June 2015.</p> <p>FS advised that it is WIP to source the fixings/fittings. AF enquired if it would be possible to get sign-off from the service before BMCL carry out the works and this was agreed.</p> <p>GB advised that samples being prepared. BMCL Have a query re the toilet/toilet seat. GB to liaise with GW re Mercury.</p> <p>PM advised that he would agree the WC. GB noted that he thought the WC had been agreed. PM advised that BMCL should change the WC.</p> <p>GB advised that these works were being progressed. FS noted that HGallagher is progressing the works.</p> <p><b>Agreed PMI to close and discussion to be progressed under CE 109</b></p>	(CE 109 )
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015  22/04/2015 30/04/2015	<p>Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.</p> <p>Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.</p> <p>PM noted that this is priority work</p> <p>DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be</p>	



			07/05/2015 14/05/2015 21/05/2015	removed. PM advised that he is awaiting confirmation of the costs. PM suggested that Starkstrom have taken the pendant away. PM noted that he is awaiting the cost for the isolation, etc. GW advised that the cost had been uploaded the previous day – he would recheck the quote for the inclusion of any Starkstrom costs as these are not to be included.	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015  07/05/2015 14/05/2015 21/05/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time. DW advised that the works had been carried out. PM advised that the costs are awaited Noted that costs are awaited GW advised that the costs had been uploaded the previous day.	
3723	PMI 389 -	NEW HOSPITALS EXTERNAL SIGNAGE - ADDITIONAL TEMPORARY SIGNS	01/05/2015    07/05/2015 14/05/2015 21/05/2015	Please procure and install the signage as per the attached sketch drawings.  Please procure and install the signage as per the attached sketch drawings. Signs to be plastic, white background with dark blue lettering to match typeface of signs installed by Glasgow Signs. Sign in grass area off Langlands Drive to have support posts to be driven into ground, eg not metal with concrete foundation. These signs are temporary until the new signage system beds down. Note remove NHS and Scot Gov signs on fence to Phase 3A compound. PM advised that he would check the temp signage. PM noted that 4 signs had been put up. GW advised that the costs had been uploaded the previous day.	
3731	PMI 390	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	06/05/2015  14/05/2015 21/05/2015	As part of the reprogramming process (room numbering) currently underway by Static Systems please include for the silencing of the noise alarm link from the CD Cupboards to the nurse call system, but retain the warning light link. Please issue this instruction immediately. Pm noted that cost is awaited. DW advised that CI had been issued to Mercury by BMCL. GW advised that the costs had been uploaded on 12/05	
3740	PMI 391	CHILDREN'S THEATRES - ADDITIONAL POWER OUTLETS IN 5 ROOMS	07/05/2015   21/05/2015	Brookfield Multiplex are instructed to proceed and procure and install additional 13A switched power outlets as set out on the attached drawings and schedule.  These sockets are located in the following rooms THE-085, THE-092, THE-098, THE-109 and THE-114. The sockets are located either above ceiling level or on existing wall trunking at desk level, the additional sockets are for additional monitors. Access to ceiling void either via Starkstrom pendant shroud or through ceiling light fiments, in both location mount sockets close to these access points. Starkstrom will be involved in the installation and it is recommended that a co-ordination meeting is held on site to discuss prior to install of sockets proceeding. The sockets require to be installed as quickly as possible no later than 29th May 2015. GW advised that the costs had been uploaded the previous day. DW noted that the timescales are becoming tight	



3752	PMI 392	- INS / NEUROSURGICAL ENTRANCE WORKS - ASBESTOS PIPE	12/05/2015	On discovery of unidentified Asbestos pipe provide quotation for the following: <ul style="list-style-type: none"> <li>Provision of detailed safe system of work for review</li> <li>Removal of cement based pipe by Licensed Contractor</li> </ul> The post removal monitoring and testing will be arranged by Board  Please proceed with the works to remove the section of pipe as quickly as possible.	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015       14/05/2015 21/05/2015	Please provide a cost to install the additional access infrastructure as detail on the attached drawing.  Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.  Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.  With the cost please provide a timescale to order materials and complete the installation. DW advised that Mercury are currently pricing. GW noted that this item was currently being priced	
3754	PMI 394	- ADULT HOSPITAL THEATRES - HAI SCRIBE TEMPORARY PARTITION	12/05/2015      21/05/2015	In order to complete the works to the two hybrid theatres (THE-228 & THE 232) the Board request the construction of a temporary partition within the 'live' theatre corridor to segregate construction and clinical activity.  This follows a review with clinical users and infection control. Works to include remedials to floors, walls and ceilings as required. GW advised that the costs had been uploaded on 12/05	
3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015  14/05/2015  21/05/2015	Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 /2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings. PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by. PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed.	
3764	PMI 396 -	Sprinkler Head RCI-013	13/05/2015  21/05/2015	The Board request the relocation of 1no. sprinkler head in RCI-013, Interventional Radiology Lab, currently located between the Toshiba gantry rails and likely to incur damage upon movement of the gantry carriage. DW noted that this item was being reviewed the previous day. Cost info will be provided asap.	

3767	PMI 397 -	Door Access Control & Fire Escape - Conflict - Confirmation	13/05/2015 14/05/2015 21/05/2015	Following the identification of a conflict between door access control and fire escape the Board clarify that the fire escape should take preference at the door between RNM-017 and RAF -117 and that the swipe/exit break glass should be swapped to allow fire exit from Nuclear Medicine to Radiology as signed. DW noted that he had asked Mercury to do the work – CI had been issued to Mercury. DW noted that agreement re what is to be done to be reached	
3768	PMI 398	Isolation and removal of exit buttons	13/05/2015 14/05/2015 21/05/2015	The Board request the isolation and removal of exit buttons from the access control doors at the interconnection between: a) RNM 017 and RAF 117 b) RNM 001 and THE 075 in order to eliminate the risk of accidental/unmonitored access to the Nuclear Medicine Dept. Break glass door release units to be retained and covers to be fitted to reduce accidental damage. DW noted that he would get this item progressed asap. DW noted that the isolation had been undertaken	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015 21/05/2015	Please supply and install additional turfing to areas A & B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.  In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest. PM noted that cost info awaited	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015 21/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.  At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage. It was agreed that BMCL will liaise with Siemens	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015 21/05/2015	Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure. GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails.	

3781	PMI 402	CPS -004 (Child Protection Unit) – Wall Mounted colposcope	19/05/2015  21/05/2015	The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.  Costs to be allocated to PMI 328 contingency sum. PM enquired if this could be installed on a surface pattress and FS agreed. BMCL to progress with pattress with chamfered edge and to paint to make surface wipeable.	
3788	PMI 403 -	Provision of interlocked switch socket in OPD-183	25/05/2015	The Board request the provision of 1no. 32A 2P&E Interlocked switched socket in OPD-183 NCH Out-patients treatment room for a V-beam Pulsed Pye Laser supply to be located above bedhead services trunking alongside vertical dropper. Costs to be allocated to PMI 328 contingency	
3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015	The Board request a cost for the installation of power and data within ceiling voids in the following locations - GW3-036, - GW3 - 039 - GW3 - 042 In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room.	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015	The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait.	
3814	PMI 406 -	Enabling and facilitation works - MRI Transfer - NCH	26/05/2015	The Board request a cost to provide enabling and and facilitating works associated with the delivery and installation of MRI transferring from Yorkhill to RHSC Level 1. Works to include temporary hoardings, ramps, downtakings at external wall and MRI and subsequent reinstatements.	
3819	PMI 407 -	Installation of Vestibular Hook - REH 049	26/05/2015	The Board request a cost for the installation of a vestibular hook within room no. REH-049 including support framework fixed to underside of structural slab as required.	
3821	PMI 408 -	Install 2no fused spurs - SCH - 021	26/5/2015	The Board request the installation of 2no. fused spurs at 2.0m above FFL in SCH-021 for 2no. chemo fridges. 2no. MSC-002 units to be removed to accommodate the fridges. Costs to be allocated to PMI 328 contingency.	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15190	CE 106	ASEPTIC SUITE 2 @ COLD ROOMS - CONNECTION TO BUILDING MANAGEMENT SYSTEM	12/05/2015	Please proceed and connect 2 No. cold rooms in the aseptic suite to the BMS.  Agreed cost [REDACTED] incl OH+P but excl VAT.	Need cost info added to acceptance box
15221	CE 108	ADULT HOSPITAL STAIR CORE A LEVEL 10 - REPLACE WINDOW	14/05/2015	Replace broken pane of glass to waiting room WS 10-006, all as set out in PMI 367.	
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015	Please proceed with works set out in PMI 373.  PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE	
15283	CE 110	ARRIVAL SQUARE - S75 ASSOCIATED WORKS BUS STANCES	21/05/2015	Proceed with works associated PMI's 333, 335 & 369 within Arrival Square to complete the installation of bus shelters and stances.  Agreed cost is [REDACTED] incl. OH+P but excl. VAT.	27/05/2015
15284	CE 111	ADULT & CHILDRENS THEATRES - SCRUB UP AREA IPS PANELS	21/05/2015	Carry out repairs as directed in PMI 372 to fill approximately 700 screw holes and make all finishes good.  Cost agreed as [REDACTED] incl. OH+P but excl. VAT.	27/05/2015
15285	CE 112	ENDOSCOPY SUITE - REBALANCE AIR HANDLING POST INSTALL OF DRYERS	21/05/2015	Proceed and re-balance dryer area as per PMI 387.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	27/05/2015
15286	CE 113 -	EXTERNAL WORKS - ADDITIONAL SIGNAGE	21/05/2015	Provide and install additional external directional signage as set out in PMI 389.  Agreed cost [REDACTED] incl. OH+P excl. VAT.	27/05/2015
15827	CE 114	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	21/05/2015	Please remove audible link to NC system as set out in PMI 390.  Agreed cost [REDACTED]	27/05/2015

15288	CE 115	ADULT HOSPITAL HYBRID THEATRE WORKS - TEMP. HAI-SCRIBE SCREEN	21/05/2015	Prior to commencing works in theatres erect a temporary dust screen across main theatre corridor all as set out in PMI 394. Dismantle on completion of works and make good all finishes.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	27/05/2015
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#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) **It was noted that a meeting is being organized (14/05/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) **DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that

DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) **DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015)**

- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) **PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015) DW advised that BMCL are chasing up electrician visit to site (07/05/2015) DW advised that he had received confirmation that the Vectorfoiltec electrician will be here in the next 3 weeks – BMCL have advised that this timescales isn't good enough (14/05/2015) **DW noted that the electrician would be on site on the 26<sup>th</sup> May 2015 (21/05/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS



advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015) **FS advised that checked were being carried out on level 10 and level 11 would be checked w/c 25/05/2015 (21/05/2015)**

- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015) DW advised that the blue socket is not on the signed off drawings. DH agreed to check the bedhead drawings (14/05/2015) **DH agreed to check the drawings asap (21/05/2015)**
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015) FS advised that BMCL were not providing a drawing however the planting as discussed would be carried out. (14/05/2015) **PM advised that he undertaken a walkround with PMc re hoarding. GW advised that the NHS had agreed the hoarding proposal and suggested that there may be a need to put more metal hoarding up. PM noted that PMcG would provide a drawing to the NHS for review. PM to advise where he would prefer to have the 'better' fencing installed (21/05/2015)**
- Signage at Main door – AF advised that he expected this to be onsite w/c 04/05/2015. GW to liaise with Land Eng who are procuring the sign. PM advised that he needed the external and road signage concluded asap. GB noted that Land Eng were to have their works completed by 04/05/2015. PM advised that Natatsha had carried out a walkround and had identified that there is signage missing. Natasha has prepared a report regarding the missing signage. Norsigns to be asked to confirm that they think they have completed all their signage. DH noted that a sign at Labs 1/CT Room (Interventional) needed to be swapped over (30/04/2015) FS advised that he will get the signage at the front door checked (07/05/2015) GB advised that Sheila has a solution from Natasha however there is one query. Sheila is progressing. PM noted that he had query about the external signage. (14/05/2015) **PM advised that the main door signs at the front of the hospitalswer being installed. PM noted that there were very few site signs now missing (21/05/2015)**
- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof. (30/04/2015) GB noted that proposals had been received and was with Ginkgo. GB would provide information to the NHS once proposal is finalized (07/05/2015) GB advised that BMCL were pushing Ginkgo to finalise their proposals (15/5/2015) **PM noted that he had received a proposal to fill the roof with stones so that the water could not be seen – this proposal would not be accepted by the NHS. PM suggested that a drain outlet to the drain the water off should be installed. (21/05/2015)**
- Helipad – GB advised that he is going through the folder and pulling out all the relevant info. PM advised that he would want all the info put on Zutec. DW noted that BMCL would have all the info for the helipad and it would have been given to the CAA (14/05/2015) **FS advised that he had information to provide to PM asap. The information would be contained in the CAA pack (21/05/2015)**
- Power in THE 228 to drying cabinet – noted that being advised that the power isn't live. (14/05/2015) **DH advised this had been disconnected as part of the pendant move. Agreed item to be closed (21/05/2015)**
- Consultants – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) **FS advised that the consultants were on site on Monday (21/05/2015)**
- Link Bridge completion post MRI delivery – DH suggested that there was a need to work out programme of works. The MRI will be delivered n the 21<sup>st</sup> and Ainsclough will be onsite. BMCL to consider what they need. JD Pierce to be lined up for 22<sup>nd</sup> June. Link bridge needs to be closed up for as short a period as possible (21/05/2015)






			<p>26/03/2015 02/04/2015</p> <p>28/05/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. <b>Meeting being organised for 04/06/2015. Invite to be sent to FS.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015 14/05/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>GB noted that collation of the Building Warrants is WIP GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	

			21/05/2015 28/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
2494 5	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015 07/05/2015 21/05/2015 28/05/2015	Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works GB advised that GArmstrong is liaising with GForsyth. BMCL are awaiting a PMI to confirm the way forward. FS advised that BMCL are aware that there is asbestos and it is being dealt with. GA noted that asbestos removal certificate had been received and removal works completed. GA will provide the certification to GF.	
2495 7	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015 07/05/2015 14/05/2015 21/05/2015 28/05/2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed GB advised that GArmstrong is liaising with GForsyth and further pipe had been discovered and it was thought that it may be a gas pipe. FS noted that more underground services had been discovered. FS advised that he has provided a full copy of the survey – probed all the areas GF noted that investigative works had commenced. There is a gas line which needs to be confirmed as being live or dead. There are a couple of other pipes which need to be identified as to what they are. GA advised that BMCL need to understand what the pipes are so that controls can be put in place before the pipes are checked out. GA noted that the gas pipe is for the old cafe but it was not known if this was dead/live. DW noted that there is no easy way to deal with unknown pipes. DH enquired if the pipe could be followed out to the path and check if there is a toby, etc. DW suggested that it would be better to identify the end of the pipe inside the building. GA noted that there is potentially gas at the imaging entrance, old steam pipe and drain from old fountain. DW suggested that the digging should be progressed towards the building. DH agreed this was the best course of action at this time and GA was asked to liaise with Land Eng.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 03/06/2015


					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established. AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	

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			30/04/2015 07/05/2015 14/05/2015 21/05/2015 28/05/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL. FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works. FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks. FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015. FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015  21/05/2015 28/05/2015	The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015. FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel. FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 27/05/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	<p>Please undertake diversionary works to existing services as described below. Please liase with Hugh McDerment to agree extend of works. All as discussed Paul McGuinness / Hugh McDerment.</p> <p>SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works.</p> <p>Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert.</p> <p>IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits.</p> <p>All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and agree extend of works.</p>	

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			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have Cl gas pipe terminated. Boards fencing and car park project

			<p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>28/05/2015</p>	<p>commences 23 February 2015.</p> <p>DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.</p> <p>GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.</p> <p>PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.</p> <p>PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.</p> <p>PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.</p> <p>GW noted that a CE was required urgently for this item.</p> <p>PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review asap.</p> <p>PM noted that he had received the drawings in autocad and would try to locate software to open them.</p> <p>GW advised that he needed a CE urgently – the works have been carried out.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p>	

			<p>05/03/2015 PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>12/03/2015 PM advised that an amendment would be advised via a separate PMI.</p> <p>19/03/2015 It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>26/03/2015 PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p> <p>07/05/2015 PM advised that the core cutting was ongoing and that the shelters were due to arrive w/c 11<sup>th</sup> May 2015.</p> <p>14/05/2015 PM noted that works are ongoing</p> <p>21/05/2015 PM noted that the column still needs to be moved.</p> <p>28/05/2015 FS noted that he proposed to check that the column had been removed.</p>	
3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	<p>09/02/2015 The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories &amp; FM building.</p> <p>12/02/2015 GW advised this is WIP to obtain costs.</p> <p>19/02/2015 Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31<sup>st</sup> March 2015. BM to push for early design resolution.</p> <p>26/02/2015 GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31<sup>st</sup> March however the works would be completed by 24<sup>th</sup> April 2015. DL requested that the programme be discussed with KC.</p> <p>05/03/2015 DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.</p> <p>12/03/2015 DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.</p> <p>19/03/2015 It was noted that costs are awaited.</p> <p>26/03/2015 GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.</p> <p>02/04/2015 GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.</p> <p>22/04/2015 FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the</p>	



			<p>30/04/2015 information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].</p> <p>07/05/2015 PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.</p> <p>14/05/2015 PM advised that the costs did not appear to be value for money and DR has subsequently reviewed the costs and would discuss with GW.</p> <p>DH advised that DR and GW have discussed at GW is reviewing the scope of works and the associated costs. DH suggested that it would be beneficial for DH, CG and GW to discuss the scope of works. The engineers had advised that the drainage isn't big enough if all the machines are running and discharging at the same time. GB noted he had previous experience of this situation in another project and that an attenuation drain had to be built in.</p> <p>21/05/2015 SF to organise meeting</p> <p>28/05/2015 Meeting being organised to take place later that day.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>19/02.2015 Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>26/02/2015 GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>05/03/2015 GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>12/03/2015 DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>19/03/2015 DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>26/03/2015 DP advised that the design is due to be provided imminently.</p> <p>02/04/2015 DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>22/04/2015 PM and DL to discuss/agree the way forward asap.</p> <p>30/04/2015 PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>07/05/2015 PM advised that the information is with IP for review.</p> <p>14/05/2015 DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>21/05/2015 SF to organise meeting. PM suggested that misinformation about the vent system had been</p>	

				received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 14/05/2015 21/05/2015 28/05/2015	<p>The Board require the undernoted quantity of telephone lines.</p> <p>The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the “base number” i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of ‘additional’ lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the ‘extra’ lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</p> <p>DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.</p> <p>SF to organize meeting</p> <p>Meeting being organized for 04/06/2015</p>	

3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	<p>04/03/2015</p> <p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>05/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 29/04/2015 07/05/2015 14/05/2015 21/05/2015</p> <p>GW advised that he would upload the costs asap. GW advised that this is under review by Paul. It was noted that GB is awaiting info re design fees, etc. GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap. PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel. GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc. PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions. GB advised that the design strategy and fire strategy checks. The information was back with Paul. <b>GW noted that the costs had been uploaded for NHS review on th 15/05/2015. PM agreed to review asap.</b></p>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	<p>20/03/2015</p> <p>Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.</p> <p>26/03/2015 22/04/2015 30/04/2015 07/05/2015</p> <p>It was noted that an instruction had been issued the previous Friday to commence the works. GW advised that the costs would be discussed on the basis of the actual works carried out. GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme. PM noted that cost information was awaited</p>	

			14/05/2015 28/05/2015	FS noted that investigation works are ongoing Already discussed under BMCL-EWN-157	
3561	PMI 369	ARRIVAL SQUARE - EAST BUS STANCE	24/03/2015  02/04/2015 23/04/2015 07/05/2015 21/05/2015 28/05/2015	Proceed and undertake works to adapt the layout of the Kassel Kerb as indicated on the attached drawings. Please proceed and undertake the works as indicated on the attached sketch drawings to extend the stance into the bus lay up space over a length of 5 metres. Install foundation, lift existing Kassel kerbs for re-use where possible, cut and repair tarmac and road build up, provide and install additional granite over the triangular space of 4.5m x 1.5m (see drawing). Please proceed with works, do not wait for RDD process. Please provide in parallel costs for works. Also do not undertake any road marking to this stance nor the curved bus lay over space to the NE of this stance. Cross ref PMI 333 PM noted that the works had been done. PM agreed to provide the CE PM advised that this would be included in the CE being raised for PMI 333. FS noted that this matter had been dealt with. Item closed as covered by CE 110	
3601	PMI 372	ADULT & CHILDRENS THEATRES - SCRUB UP AREAS	02/04/2015  23/04/2015 30/04/2015  07/05/2015  14/05/2015 21/05/2015 28/05/2015	Please fill approx. 700 3mm drilled holes in IPS panels and make finish good.  Mounting positions for dispensers on the grey solid laminate IPS panels above the scrub trough in each room require to be amended. As a result the board require approximately 24 drilled holes in 29 rooms to be filled and finish made good to restore an easy clean surface. Please proceed and carry out repairs, in parallel please provide price for same. Please undertake works in Adult theatres first followed by Children's theatres. PM advised that the works are complete and costs are awaited. DH requested that BMCL confirm that the works had been completed as there was 1 room in interventional which did not appear to be completed. PM noted that cost information was awaited. GB suggested that the cost may now have been uploaded and PM agreed to check. Sypro to be checked for the cost information. PM advised that the cost info had been uploaded to Sypro on 14/05/2015 for NHS review. Item closed as covered by CE 111	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015	Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.  Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.	

			22/04/2015 30/04/2015  07/05/2015 14/05/2015 21/05/2015 28/05/2015	PM noted that this is priority work DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be removed. PM advised that he is awaiting confirmation of the costs. PM suggested that Starkstrom have taken the pendant away. PM noted that he is awaiting the cost for the isolation, etc. GW advised that the cost had been uploaded the previous day – he would recheck the quote for the inclusion of any Starkstrom costs as these are not to be included. GW to confirm that there have been no Starkstrom costs included.	
3711	PMI 387 -	NEW HOSPITALS - ENDOSCOPY SUITE	28/04/2015  07/05/2015 14/05/2015 21/05/2015 28/05/2015	The Board request that the ventilation to the Endoscopy Decontamination suite is checked / re-balanced following the construction of the separating wall and installation of endoscopy washer dryers by Getinge. It is understood that this work should take around 1/2 day of H&V time. DW advised that the works had been carried out. PM advised that the costs are awaited Noted that costs are awaited GW advised that the costs had been uploaded the previous day. Item closed as covered by CE 112	
3723	PMI 389 -	NEW HOSPITALS EXTERNAL SIGNAGE - ADDITIONAL TEMPORARY SIGNS	01/05/2015  07/05/2015 14/05/2015 21/05/2015 28/05/2015	Please procure and install the signage as per the attached sketch drawings.  Please procure and install the signage as per the attached sketch drawings. Signs to be plastic, white background with dark blue lettering to match typeface of signs installed by Glasgow Signs. Sign in grass area off Langlands Drive to have support posts to be driven into ground, eg not metal with concrete foundation. These signs are temporary until the new signage system beds down. Note remove NHS and Scot Gov signs on fence to Phase 3A compound. PM advised that he would check the temp signage. PM noted that 4 signs had been put up. GW advised that the costs had been uploaded the previous day. Item closed as covered by CE 113	
3731	PMI 390	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	06/05/2015  14/05/2015 21/05/2015 28/05/2015	As part of the reprogramming process (room numbering) currently underway by Static Systems please include for the silencing of the noise alarm link from the CD Cupboards to the nurse call system, but retain the warning light link. Please issue this instruction immediately. Pm noted that cost is awaited. DW advised that CI had been issued to Mercury by BMCL. GW advised that the costs had been uploaded on 12/05 Item closed as covered by CE 114. DW advised that works are ongoing. 19 <sup>th</sup> June completion date. DH enquired if an alarm when it is full. DW advised this would be possible but that there would likely be a cost associated with it. DH requested that DW check that NCH will be completed before YH moves in.	

3740	PMI 391	CHILDREN'S THEATRES - ADDITIONAL POWER OUTLETS IN 5 ROOMS	07/05/2015  21/05/2015  28/05/2015	<p>Brookfield Multiplex are instructed to proceed and procure and install additional 13A switched power outlets as set out on the attached drawings and schedule.</p> <p>These sockets are located in the following rooms THE-085, THE-092, THE-098, THE-109 and THE-114. The sockets are located either above ceiling level or on existing wall trunking at desk level, the additional sockets are for additional monitors. Access to ceiling void either via Starkstrom pendant shroud or through ceiling light fittings, in both location mount sockets close to these access points. Starkstrom will be involved in the installation and it is recommended that a co-ordination meeting is held on site to discuss prior to install of sockets proceeding. The sockets require to be installed as quickly as possible no later than 29th May 2015.</p> <p>GW advised that the costs had been uploaded the previous day. DW noted that the timescales are becoming tight</p> <p><b>DW advised that works are ongoing and it was unlikely that the works would be completed by 29/05/2015</b></p>	
3752	PMI 392	- INS / NEUROSURGICAL ENTRANCE WORKS - ASBESTOS PIPE	12/05/2015   28/05/2015	<p>On discovery of unidentified Asbestos pipe provide quotation for the following:</p> <ul style="list-style-type: none"> <li>• Provision of detailed safe system of work for review</li> <li>• Removal of cement based pipe by Licensed Contractor</li> </ul> <p>The post removal monitoring and testing will be arranged by Board</p> <p>Please proceed with the works to remove the section of pipe as quickly as possible.</p> <p><b>Previously discussed under BMCL-EWN-156</b></p>	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015   14/05/2015 21/05/2015 28/05/2015	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p><b>DW advised that a cost is awaited from Mercury.</b></p>	
3754	PMI 394	- ADULT HOSPITAL THEATRES - HAI SCRIBE TEMPORARY PARTITION	12/05/2015   21/05/2015 28/05/2015	<p>In order to complete the works to the two hybrid theatres (THE-228 &amp; THE 232) the Board request the construction of a temporary partition within the 'live' theatre corridor to segregate construction and clinical activity.</p> <p>This follows a review with clinical users and infection control. Works to include remedials to floors, walls and ceilings as required.</p> <p>GW advised that the costs had been uploaded on 12/05</p> <p><b>It was agreed this item would be closed as CE 115 covers.</b></p>	



3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015  14/05/2015  21/05/2015  28/05/2015	Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 1/2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings. PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by. PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed. FS advised that Astins are onsite on 29/05/2015. BMCL have a door set and the door works would be carried out over the weekend. DH advised that he would confirm this with DL.	
3764	PMI 396 -	Sprinkler Head RCI-013	13/05/2015  21/05/2015 28/05/2015	The Board request the relocation of 1no. sprinkler head in RCI-013, Interventional Radiology Lab, currently located between the Toshiba gantry rails and likely to incur damage upon movement of the gantry carriage. DW noted that this item was being reviewed the previous day. Cost info will be provided asap. It was noted that this item was closed.	
3767	PMI 397 -	Door Access Control & Fire Escape - Conflict - Confirmation	13/05/2015  14/05/2015 21/05/2015 28/05/2015	Following the identification of a conflict between door access control and fire escape the Board clarify that the fire escape should take preference at the door between RNM-017 and RAF -117 and that the swipe/exit break glass should be swapped to allow fire exit from Nuclear Medicine to Radiology as signed. DW noted that he had asked Mercury to do the work – CI had been issued to Mercury. DW noted that agreement re what is to be done to be reached DW noted that cost is awaited from mercury. GW requested that Mercury be asked to progress.	
3768	PMI 398	Isolation and removal of exit buttons	13/05/2015  14/05/2015 21/05/2015 28/05/2015	The Board request the isolation and removal of exit buttons from the access control doors at the interconnection between: a) RNM 017 and RAF 117 b) RNM 001 and THE 075 in order to eliminate the risk of accidental/unmonitored access to the Nuclear Medicine Dept. Break glass door release units to be retained and covers to be fitted to reduce accidental damage. DW noted that he would get this item progressed asap. DW noted that the isolation had been undertaken DW noted that this work had been completed. It was agreed this item could be closed.	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015    21/05/2015	Please supply and install additional turfing to areas A & B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.  In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest. PM noted that cost info awaited	



			28/05/2015	GW agreed to provide the cost asap	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015       21/05/2015 28/05/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p>	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015   21/05/2015  28/05/2015	<p>Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure.</p> <p>GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails.</p> <p>FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works.</p> <p>FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool. It was noted that MMacleod was liaising with Physio for confirmation.</p>	
3781	PMI 402	CPS -004 (Child Protection Unit) – Wall Mounted colposcope	19/05/2015   21/05/2015	<p>The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.</p> <p>Costs to be allocated to PMI 328 contingency sum.</p> <p>PM enquired if this could be installed on a surface pattress and FS agreed. BMCL to progress with pattress with chamfered edge and to paint to make surface wipeable.</p>	
3788	PMI 403 -	Provision of interlocked switch socket in OPD-183	25/05/2015   28/05/2015	<p>The Board request the provision of 1no. 32A 2P&amp;E Interlocked switched socket in OPD-183 NCH Out-patients treatment room for a V-beam Pulsed Pye Laser supply to be located above bedhead services trunking alongside vertical dropper.</p> <p>Costs to be allocated to PMI 328 contingency</p> <p>DW advised that CI had been issued to Mercury to carry out the works.</p>	

3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015  28/05/2015	<p>The Board request a cost for the installation of power and data within ceiling voids in the following locations</p> <ul style="list-style-type: none"> <li>- GW3-036,</li> <li>- GW3 - 039</li> <li>- GW3 - 042</li> </ul> <p>In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room.</p> <p>GW advised that AK has been on leave and the cost info would be provided asap. DH suggest will be a couple of months. FS advised that BMCL did not want to be doing works when Yorkhill are moving into the hospitals. DH requested that BMCL look and see if there is sockets there and it just needs longer RJ45 cables. DH requested that BMCL identify any potential disturbance to the room.</p>	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015  28/05/2015	<p>The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH &amp; NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait.</p> <p>DW noted that the CI had been issued to Mercury. Mercury to provide the cost and the timescale.</p>	
3814	PMI 406 -	Enabling and facilitation works - MRI Transfer - NCH	26/05/2015  28/05/2015	<p>The Board request a cost to provide enabling and and facilitating works associated with the delivery and installation of MRI transferring from Yorkhill to RHSC Level 1.</p> <p>Works to include temporary hoardings, ramps, downtakings at external wall and MRI and subsequent reinstatements.</p> <p>FS noted that BMCL have a programme and understand the scope of works. FS will liaise with JD Peirce to ensure they have got the panel and to get them to site.</p>	
3819	PMI 407 -	Installation of Vestibular Hook - REH 049	26/05/2015  28/05/2015	<p>The Board request a cost for the installation of a vestibular hook within room no. REH-049 including support framework fixed to underside of structural slab as required.</p> <p>FS advised that he had sent the previous drawing to M&amp;S to obtain a price. These works will not be achieved prior to Yorkhill moving in.</p>	
3821	PMI 408 -	Install 2no fused spurs - SCH - 021	26/5/2015  28/05/2015	<p>The Board request the installation of 2no. fused spurs at 2.0m above FFL in SCH-021 for 2no. chemo fridges. 2no. MSC-002 units to be removed to accommodate the fridges.</p> <p>Costs to be allocated to PMI 328 contingency.</p> <p>DH noted that these works are more urgent. JMiller has been progressing. DW advised that Mercury have been instructed to carry out the work.</p>	
3846	PMI 409 -	Changes to the Pneumatic Tube System	27/05/2015	<p>The Board request the following changes be made to the Pneumatic Tube System:</p> <ol style="list-style-type: none"> <li>1.Change the operation of the system so all Green Pharmacy carriers can be returned to the Pharmacy from any station in the hospital.</li> <li>2. Change the operation of the system so that all Leak Proof carriers can only be sent to microbiology and pathology.</li> <li>3. Change the current program from the agreed issued naming structure so it matches the actual hospital departments.</li> <li>4. Add time schedule control for selected lab stations and pharmacy to close stations out with normal operating hours complete with message stating "Department closed" as detailed below</li> </ol> <p>o For all Pathology samples, the PTS will operate between 9am and 7pm on weekdays and on Saturdays from 8am until 12:00 noon.</p>	

				<p>o For all Cytology samples, the PTS will operate between 9am and 5pm on weekdays and on Saturdays from 8am until 12:00 noon.</p> <p>o For all Genetics samples, the PTS will operate between 9am and 5pm on weekdays.</p> <p>o For all Pharmacy samples, the PTS will operate between 08:30 and 16:30 on week days, Saturdays 09:00 and 11:45 and Sundays from 10:00 to 11:30.</p> <p>5. As part of the re-commissioning process, carry out and record full address validation for submission with the full commissioning documentation to the Laboratory CPA auditors for Laboratory accreditation.</p>	
3880	PMI-410	CHILDREN'S HOSPITAL THEATRE DEPT - WC ROOM THE-013 DAMAGED WHB	03/06/2015	Please supply and install new hand rinse whb to replace broken whb. Make all finishes good.	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed infront of door where this opens onto grass or other area.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15221	CE 108	ADULT HOSPITAL STAIR CORE A LEVEL 10 - REPLACE WINDOW	14/05/2015	Replace broken pane of glass to waiting room WS 10-006, all as set out in PMI 367.	
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015  28/05/2015	Please proceed with works set out in PMI 373.  PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE DH advised that he would liaise with DR.	
15451	CE 116	ADULT HOSPITAL IMAGING ROOM RAF-080 REMOVAL OF 1 No. STARKSTROM PENDANT	28/05/2015	Isolation of services to pendant prior to removal by Starkstrom at no cost, make finishes good.  Agreed cost [REDACTED] incl OH+P but excl. VAT.	

## Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being

unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) **It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015)**

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) **DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) **DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015) **PM to confirm the way forward (28/05/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to

be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfoiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015) DW advised that BMCL are chasing up electrician visit to site (07/05/2015) DW advised that he had received confirmation that the Vectorfoiltec electrician will be here in the next 3 weeks – BMCL have advised that this timescales isn't good enough (14/05/2015) DW noted that the electrician would be on site on the 26<sup>th</sup> May 2015 (21/05/2015) **DW advised that the ops had been on site the previous day – 19 of the 20 roof burns offs have an issue at the pillows (internal wiring to the pillows). DW has forwarded on the report to Vectorfoiltec and requested that they provide a response. DH advised that an urgent response was required as from a fire perspective the roof does not work It was agreed that GW would raise this item as an EW. (28/05/2015)**

- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015) FS advised that checked were being carried out on level 10 and level 11 would be checked w/c 25/05/2015 (21/05/2015) **FS advised that BMCL checks had been completed to level 11 and were now started in the basement. Mercury are replacing any missing bags. A marked up drawing would be provided via Aconex. PMI awaited from NHS (28/05/2015)**
- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015) DW advised that the blue socket is not on the signed off drawings. DH agreed to check the bedhead drawings (14/05/2015) **DH agreed to check the drawings asap (21/05/2015)**
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015) FS advised that BMCL were not providing a drawing however the planting as discussed would be carried out. (14/05/2015) PM advised that he undertaken a walkround with PMc re hoarding. GW advised that the NHS had agreed the hoarding proposal and suggested that there may be a need to put more metal hoarding up. PM noted that PMcG would provide a drawing to the NHS for review. PM to advise where he would prefer to have the 'better' fencing installed (21/05/2015) **GA advised that PMc has a marked up drawing which had**



been discussed with Townhill. GW advised that BMCL needed to understand what happens to the other side of the road once demo done at the car park. DH requested a copy of the marked-up drawing (28/05/2015)

- Signage at Main door – AF advised that he expected this to be onsite w/c 04/05/2015. GW to liaise with Land Eng who are procuring the sign. PM advised that he needed the external and road signage concluded asap. GB noted that Land Eng were to have their works completed by 04/05/2015. PM advised that Natatsha had carried out a walkround and had identified that there is signage missing. Natasha has prepared a report regarding the missing signage. Norsigns to be asked to confirm that they think they have completed all their signage. DH noted that a sign at Labs 1/CT Room (Interventional) needed to be swapped over (30/04/2015) FS advised that he will get the signage at the front door checked (07/05/2015) GB advised that Sheila has a solution from Natasha however there is one query. Sheila is progressing. PM noted that he had query about the external signage. (14/05/2015) PM advised that the main door signs at the front of the hospitals lower being installed. PM noted that there were very few site signs now missing (21/05/2015) FS advised that he understood that 'sick' is being removed from the name PM to confirm the name for the NCH signage. (28/05/2015)
- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof. (30/04/2015) GB noted that proposals had been received and was with Ginkgo. GB would provide information to the NHS once proposal is finalized (07/05/2015) GB advised that BMCL were pushing Ginkgo to finalise their proposals (15/5/2015) PM noted that he had received a proposal to fill the roof with stones so that the water could not be seen – this proposal would not be accepted by the NHS. PM suggested that a drain outlet to the drain the water off should be installed. (21/05/2015) It was noted that GB has liaised with Ginkgo – will be doing a level survey and are looking a installing drainage (28/05/2015)
- Helipad – GB advised that he is going through the folder and pulling out all the relevant info. PM advised that he would want all the info put on Zutec. DW noted that BMCL would have all the info for the helipad and it would have been given to the CAA (14/05/2015) FS advised that he had information to provide to PM asap. The information would be contained in the CAA pack (21/05/2015) FS advised that it is WIP to locate the CAA pack of info. (28/05/2015)
- Consultants – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015)
- Link Bridge completion post MRI delivery – DH suggested that there was a need to work out programme of works. The MRI will be delivered n the 21<sup>st</sup> and Ainsclough will be onsite. BMCL to consider what they need. JD Pierce to be lined up for 22<sup>nd</sup> June. Link bridge needs to be closed up for as short a period as possible (21/05/2015)
- SVD report issue – CE awaited (is a sub-division of WSP) (28/05/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 10/06/2015:


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 16/06/2016:

<div> <div>Brookfield MULTIPLEX</div> <div>BM</div> </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. <b>Meeting being organised for 04/06/2015. Invite to be sent to FS.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015 14/05/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>GB noted that collation of the Building Warrants is WIP GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	

			21/05/2015 28/05/2015 04/06/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS. FS advised that GB is liaising with Mercury	
24945	BMCL-EWN-156	Suspected Asbestos material located in substructure excavation at INS	05/05/2015 07/05/2015 21/05/2015 28/05/2015 04/06/2015	Asbestos requires to be removed to enable the INS excavations to commence. We would note that depending on the extent and nature of the asbestos discovered this event may impact on the start date of the piling works GB advised that GArmstrong is liaising with GForsyth. BMCL are awaiting a PMI to confirm the way forward. FS advised that BMCL are aware that there is asbestos and it is being dealt with. GA noted that asbestos removal certificate had been received and removal works completed. GA will provide the certification to GF. It was agreed this item could be closed as covered by PMI 392 and costs attributed to PMI 365	
24957	BMCL-EWN-157	Unidentified Services in INS Footprint	05/05/2015 07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015	Underground Service identified which clashes with pile location 2. Please confirm how you wish us to proceed GB advised that GArmstrong is liaising with GForsyth and further pipe had been discovered and it was thought that it may be a gas pipe. FS noted that more underground services had been discovered. FS advised that he has provided a full copy of the survey – probed all the areas GF noted that investigative works had commenced. There is a gas line which needs to be confirmed as being live or dead. There are a couple of other pipes which need to be identified as to what they are. GA advised that BMCL need to understand what the pipes are so that controls can be put in place before the pipes are checked out. GA noted that the gas pipe is for the old cafe but it was not known if this was dead/live. DW noted that there is no easy way to deal with unknown pipes. DH enquired if the pipe could be followed out to the path and check if there is a toby, etc. DW suggested that it would be better to identify the end of the pipe inside the building. GA noted that there is potentially gas at the imaging entrance, old steam pipe and drain from old fountain. DW suggested that the digging should be progressed towards the building. DH agreed this was the best course of action at this time and GA was asked to liaise with Land Eng. Covered under PMI 365	


The following Early Warnings have been submitted to BMCL and are awaiting close out as at 10/06/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p><b>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</b></p>	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015  21/05/2015  28/05/2015  04/06/2015	<p>The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.</p> <p>FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.</p> <p>FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.</p> <p><b>FS advised that on the previous occasion of rain he had investigated and it was thought that it was now identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter.</b></p>	
25494	NHS EW 059	ADULT HOSPITAL -	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing	

		VECTOR FOILTEC BURN OFF SYSTEM		burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 10/06/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	

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			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.
			19/03/2015	GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.

			<p>23/4/2015 30/04/2015 07/05/2015</p> <p>14/05/2015</p> <p>28/05/2015 04/06/2015</p>	<p>PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.</p> <p>GW noted that a CE was required urgently for this item.</p> <p>PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review asap.</p> <p>PM noted that he had received the drawings in autocad and would try to locate software to open them.</p> <p>GW advised that he needed a CE urgently – the works have been carried out.</p> <p>PM advised that he was reviewing the drawings so can identify the additional services discovered against the costs to remove.</p>	
3356	PMI 335	ARRIVAL SQUARE - LIGHTING COLUMN OPPOSITE ADULT ENTRANCE	<p>09/02/2015</p> <p>12/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015 19/03/2015</p> <p>26/03/2015</p> <p>07/05/2015</p> <p>14/05/2015 21/05/2015 28/05/2015 04/06/2015</p>	<p>Relocate lighting column to avoid bus stop.</p> <p>The lighting column currently sits immediately in front of the alighting area for passengers from buses at the bus stance. Please confirm new location with Board Project Team and reposition. Refer attached drawing.</p> <p>PM advised that he had spoken to PMcG. Plans were being put in place for a bus test next Friday which would involve the buses coming in at the Govan Road entrance and testing the turnround routes and that everything works.</p> <p>PM has agreed with PMcG that retain position until bus test complete on 20/02/2015. GW to establish cost to move.</p> <p>PM advised that a bus test had been carried out and it had identified that the column is in the wrong place. GW advised that he had indicative costs for moving and pulling the cable and lifting and replacing the column. Cost is circa [REDACTED]. BMCL will provide dwg. PM suggested that the works should be carried out when carrying out the bus shelter works.</p> <p>PM advised that the pole will need to be moved and requested a copy of the signed off drawing which GW agreed to provide.</p> <p>PM advised that an amendment would be advised via a separate PMI.</p> <p>It was noted that the costs for this matter should be wrapped up into PMI 333. PM noted that a further bus test had taken place which had indicated that a stance does not work as planned and the NHS have been asked to move the full stance. The NHS will not be moving the full stance. Remedial works may be requested.</p> <p>PM enquired if WSP is going to propose an alternate position for the column and it was assumed the column would be moved when doing the granite removal works. GW agreed to liaise with PMcGuinness and WSP re lighting level implications.</p> <p>PM advised that the core cutting was ongoing and that the shelters were due to arrive w/c 11<sup>th</sup> May 2015.</p> <p>PM noted that works are ongoing</p> <p>PM noted that the column still needs to be moved.</p> <p>FS noted that he proposed to check that the column had been removed.</p> <p>It was noted that this item was closed – CE 110</p>	



3359	PMI 338 -	Enabling works for install of Tumble dryers and High Spin Washers	09/02/2015	The Board request a quotation and programme for the enabling works required to accommodate 4no. JLA SD 80 (80lb) tumble dryers and 4no. JLA HD 305 (65lb) High Spin Washers. The works required are outlined on the attached drawing no 13/02103 Rev A Supply and installation of washers/dryers will be by others. The facility is to be located in the large store at the north-west corner of the Laboratories & FM building.
			12/02/2015	GW advised this is WIP to obtain costs.
			19/02/2015	Post issue of PMI 342 design work is ongoing to prepare cost. DL noted that this work must be completed by 31 <sup>st</sup> March 2015. BM to push for early design resolution.
			26/02/2015	GW advised that the design was due back w/c 2/03/2015. DP advised that BMCL would struggle to complete the works by 31 <sup>st</sup> March however the works would be completed by 24 <sup>th</sup> April 2015. DL requested that the programme be discussed with KC.
			05/03/2015	DH noted that a meeting to discuss was scheduled to take place the following day (DH, IP, FS). GW suggested that this may be costly and that the Board may not wish to progress this. The design was due to be received by BMCL on 06/03/2015 and once received BMCL would cost up.
			12/03/2015	DH advised that a meeting with the designers had taken place and DH had raised with IP that there will be a challenge to complete this request before patients move into the hospitals. The NHS will need to identify an interim solution.
			19/03/2015	It was noted that costs are awaited.
			26/03/2015	GW noted that the WW drawing had just been received and that BMCL were awaiting info from BMJ. GW would send the WW drawing to Mercury asap.
			02/04/2015	GB advised that BMJ had been instructed to do the elevations. When the design is received from WSP then will get the costs to the NHS asap. DP advised that there is more work involved in this request than first thought. GW advised that BMJ cost (circa [REDACTED]) and WSP knows that the info is coming. GB noted that there is lintels required, gas diversions, brickwork/blockwork. DH enquired if the NHS can get the electrics and gas works done. DP advised that these works are being started asap. AF advised that BMCL would provide the NHS with a programme for the works.
			22/04/2015	FS advised that he was awaiting an update from CGrindlay. GW advised that LJ is obtaining the information. PM advised that he had liaised with LJ who had asked if PM would want a ball-park figure. GW advised that LJ was receiving the information in a lot slower than would have wanted hence the suggestion of providing a ball-park figure – LJ is pursuing the info as much as she can. DL advised that this matter needed to be moved on quickly as the interim solution for the NHS is very costly. GW advised that BMCL could provide the information as the receive it – GW suggested that a ball park figure was circa [REDACTED].
			30/04/2015	PM acknowledged receiving the costs and advised that he would request approval from DL. It was agreed that a meeting should be arranged – attendees FS, DW, DH and PM.
			07/05/2015	PM advised that the costs did not appear to be value for money and DR has subsequently reviewed the costs and would discuss with GW.
			14/05/2015	DH advised that DR and GW have discussed at GW is reviewing the scope of works and the associated costs. DH suggested that it would be beneficial for DH, CG and GW to discuss the scope of works. The engineers had advised that the drainage isn't big enough if all the machines are running and discharging at the same time. GB noted he had previous experience of this situation in another project and that an attenuation drain had to be built in.
			21/05/2015	SF to organise meeting

			28/05/2015 04/06/2015	Meeting being organised to take place later that day. DH advised that he is awaiting revised costs. DW noted that he would chase the costs up.	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015  07/05/2015 14/05/2015  21/05/2015  04/06/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31 <sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015 DP advised that the design is due to be provided imminently. DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap. PM and DL to discuss/agree the way forward asap. PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly. PM advised that the information is with IP for review. DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately. SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015  26/02/2015  05/03/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015. GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer. PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant	

			<p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p>	<p>that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</p> <p>DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.</p> <p>SF to organize meeting</p> <p>Meeting being organized for 04/06/2015</p>	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	<p>The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.</p> <p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient.</p>	

			<p>05/03/2015 19/03/2015 26/03/2015 02/04/2015  22/04/2015 29/04/2015  07/05/2015  14/05/2015 21/05/2015  04/06/2015</p>	<p>However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>GW advised that he would upload the costs asap.</p> <p>GW advised that this is under review by Paul.</p> <p>It was noted that GB is awaiting info re design fees, etc.</p> <p>GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap.</p> <p>PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel.</p> <p>GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc.</p> <p>PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions.</p> <p>GB advised that the design strategy and fire strategy checks. The information was back with Paul.</p> <p>GW noted that the costs had been uploaded for NHS review on the 15/05/2015. PM agreed to review asap.</p> <p><b>PM advised that he would review the costs and confirm the way forward.</b></p>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	<p>20/03/2015  26/03/2015 22/04/2015 30/04/2015  07/05/2015 14/05/2015 28/05/2015  04/06/2015</p>	<p>Undertake trial digs to investigate unknown underground services.</p> <p>Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.</p> <p>It was noted that an instruction had been issued the previous Friday to commence the works.</p> <p>GW advised that the costs would be discussed on the basis of the actual works carried out.</p> <p>GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme.</p> <p>PM noted that cost information was awaited</p> <p>FS noted that investigation works are ongoing</p> <p>FS advised that he has provided a full copy of the survey – probed all the areas</p> <p>GF noted that investigative works had commenced. There is a gas line which needs to be confirmed as being live or dead. There are a couple of other pipes which need to be identified as to what they are. GA advised that BMCL need to understand what the pipes are so that controls can be put in place before the pipes are checked out. GA noted that the gas pipe is for the old cafe but it was not known if this was dead/live. DW noted that there is no easy way to deal with unknown pipes. DH enquired if the pipe could be followed out to the path and check if there is a toby, etc. DW suggested that it would be better to identify the end of the pipe inside the building. GA noted that there is potentially gas at the imaging entrance, old steam pipe and drain from old fountain. DW suggested that the digging should be progressed towards the building. DH agreed this was the best course of action at this time and GA was asked to liaise with Land Eng.</p> <p><b>FS advised that it is work in progress to identify unknown services – services have been exposed into the building. PM noted that the fountain pipe has been discounted. The Gas pipe was to be checked going into the building. PM had advised that a small hole should be drilled into the top of the black marley pipe to check if this is running. FS noted that GA and GF continue to liaise about</b></p>	

				the services. PM advised that he had asked GF to get Estates Reps over to resolve the gas pipe issue asap.	
3680	PMI 382	ADULT HOSPITAL IMAGING - ROOM RAF-080	22/04/2015  22/04/2015 30/04/2015  07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015	<p>Brookfield are instructed to decommission and remove 1 No articulated pendant as per attached drawing in room RAF-080. Make all finishes good.</p> <p>Brookfield are instructed to isolate and disconnect all services to the articulated pendant marked on the attached sketch and photographs. Services include power, vacuum, air x2, ACGS, N2O, services to be safely terminated above ceiling level. Carefully dismantle and remove pendant head, articulated arm and ceiling mount and hand over to Board for storage within basement level. Repair plasterboard ceiling and redecorate. This work is extremely urgent and the Board wish to investigate the opportunity to commence almost immediately. Brookfield to review and confirm. Cost required to be developed in parallel.</p> <p>PM noted that this is priority work</p> <p>DW suggested that the works were completed. PM suggested that Starkstrom are carrying out remedial works in lieu of retaining the pendant. DH advise that BMCL should not patch the ceiling as Starkstrom will be lowering the ceiling. It was agreed that DW would speak to the Starkstrom rep regarding the remedial works. DH requested that the rep be reminded that the light needed to be removed.</p> <p>PM advised that he is awaiting confirmation of the costs. PM suggested that Starkstrom have taken the pendant away.</p> <p>PM noted that he is awaiting the cost for the isolation, etc.</p> <p>GW advised that the cost had been uploaded the previous day – he would recheck the quote for the inclusion of any Starkstrom costs as these are not to be included.</p> <p>GW to confirm that there have been no Starkstrom costs included.</p> <p>It was noted that this item was now covered by CE 116.</p>	
3731	PMI 390	NURSE CALL SYSTEM - AUDIBLE LINK TO CONTROLLED DRUGS CUPBOARDS	06/05/2015  14/05/2015 21/05/2015 28/05/2015  04/06/2015	<p>As part of the reprogramming process (room numbering) currently underway by Static Systems please include for the silencing of the noise alarm link from the CD Cupboards to the nurse call system, but retain the warning light link.</p> <p>Please issue this instruction immediately.</p> <p>Pm noted that cost is awaited. DW advised that CI had been issued to Mercury by BMCL.</p> <p>GW advised that the costs had been uploaded on 12/05</p> <p>Item closed as covered by CE 114. DW advised that works are ongoing. 19<sup>th</sup> June completion date.</p> <p>DH enquired if an alarm when it is full. DW advised this would be possible but that there would likely be a cost associated with it. DH requested that DW check that NCH will be completed before YH moves in.</p> <p>DW advised that the software upload is WIP</p>	
3740	PMI 391	CHILDREN'S THEATRES - ADDITIONAL POWER OUTLETS IN 5 ROOMS	07/05/2015	<p>Brookfield Multiplex are instructed to proceed and procure and install additional 13A switched power outlets as set out on the attached drawings and schedule.</p> <p>These sockets are located in the following rooms THE-085, THE-092, THE-098, THE-109 and THE-114. The sockets are located either above ceiling level or on existing wall trunking at desk</p>	

			<p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>level, the additional sockets are for additional monitors. Access to ceiling void either via Starkstrom pendant shroud or through ceiling light fiments, in both location mount sockets close to these access points. Starkstrom will be involved in the installation and it is recommended that a co-ordination meeting is held on site to discuss prior to install of sockets proceeding. The sockets require to be installed as quickly as possible no later than 29th May 2015.</p> <p>GW advised that the costs had been uploaded the previous day. DW noted that the timescales are becoming tight</p> <p>DW advised that works are ongoing and it was unlikely that the works would be completed by 29/05/2015</p> <p><b>It was noted that this item was closed as covered by CE 119</b></p>	
3752	PMI 392	- INS / NEUROSURGICAL ENTRANCE WORKS - ASBESTOS PIPE	<p>12/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>On discovery of unidentified Asbestos pipe provide quotation for the following:</p> <ul style="list-style-type: none"> <li>• Provision of detailed safe system of work for review</li> <li>• Removal of cement based pipe by Licensed Contractor</li> </ul> <p>The post removal monitoring and testing will be arranged by Board</p> <p>Please proceed with the works to remove the section of pipe as quickly as possible.</p> <p>Previously discussed under BMCL-EWN-156</p> <p><b>PM noted that he would issue a CE for this item. GW noted that the cost is circa [REDACTED]</b></p>	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	<p>12/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p>DW advised that a cost is awaited from Mercury.</p> <p><b>GW advised that he was checking the costs before providing to the NHS</b></p>	
3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	<p>12/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p>	<p>Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 /2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings.</p> <p>PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by.</p> <p>PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed.</p> <p><b>FS advised that Astins are onsite on 29/05/2015. BMCL have a door set and the door works would</b></p>	

				be carried out over the weekend. DH advised that he would confirm this with DL.	
3764	PMI 396 -	Sprinkler Head RCI-013	13/05/2015  21/05/2015 28/05/2015	The Board request the relocation of 1no. sprinkler head in RCI-013, Interventional Radiology Lab, currently located between the Toshiba gantry rails and likely to incur damage upon movement of the gantry carriage. DW noted that this item was being reviewed the previous day. Cost info will be provided asap. It was noted that this item was closed.	
3767	PMI 397 -	Door Access Control & Fire Escape - Conflict - Confirmation	13/05/2015  14/05/2015 21/05/2015 28/05/2015 04/06/2015	Following the identification of a conflict between door access control and fire escape the Board clarify that the fire escape should take preference at the door between RNM-017 and RAF -117 and that the swipe/exit break glass should be swapped to allow fire exit from Nuclear Medicine to Radiology as signed. DW noted that he had asked Mercury to do the work – CI had been issued to Mercury. DW noted that agreement re what is to be done to be reached DW noted that cost is awaited from mercury. GW requested that Mercury be asked to progress. It was noted that this item was closed. CE 118 covers	
3768	PMI 398	Isolation and removal of exit buttons	13/05/2015  14/05/2015 21/05/2015 28/05/2015	The Board request the isolation and removal of exit buttons from the access control doors at the interconnection between: a) RNM 017 and RAF 117 b) RNM 001 and THE 075 in order to eliminate the risk of accidental/unmonitored access to the Nuclear Medicine Dept. Break glass door release units to be retained and covers to be fitted to reduce accidental damage. DW noted that he would get this item progressed asap. DW noted that the isolation had been undertaken DW noted that this work had been completed. It was agreed this item could be closed.	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015  21/05/2015 28/05/2015	Please supply and install additional turfing to areas A & B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.  In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest. PM noted that cost info awaited GW agreed to provide the cost asap	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.	



			<p>21/05/2015 28/05/2015 04/06/2015</p>	<p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p>	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	<p>19/05/2015  21/05/2015 28/05/2015  04/06/2015</p>	<p>Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure.</p> <p>GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails.</p> <p>FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works.</p> <p>FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool. It was noted that MMacleod was liaising with Physio for confirmation.</p> <p>It was noted that CE 0117 covered this item. FS advised that he had spoken to MMacL the previous day who had advised that the stretcher is not suitable (would not pass infection control) and it was suggested that a wheelchair option would be preferable. DH advised that he recalled that there had been an original drawing signed off however after this BMCL had changed their supplier to World Leisure. DH requested that BMCL provide the extra over cost. FS agreed to obtain the cost for the wheelchair and to check if WorldLeisure would take the stretcher back.</p>	
3781	PMI 402	CPS -004 (Child Protection Unit) – Wall Mounted colposcope	<p>19/05/2015  21/05/2015 04/06/2015</p>	<p>The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.</p> <p>Costs to be allocated to PMI 328 contingency sum.</p> <p>PM enquired if this could be installed on a surface pattress and FS agreed. BMCL to progress with pattress with chamfered edge and to paint to make surface wipeable.</p> <p>FS advised that the builders works have been carried out. DW noted that the electrical works were likely to be carried out over the coming week. DH enquired if BMCL could fit the fixings for the monitor bracket.</p>	

3788	PMI 403 -	Provision of interlocked switch socket in OPD-183	25/05/2015  28/05/2015 04/06/2015	The Board request the provision of 1no. 32A 2P&E Interlocked switched socket in OPD-183 NCH Out-patients treatment room for a V-beam Pulsed Pye Laser supply to be located above bedhead services trunking alongside vertical dropper. Costs to be allocated to PMI 328 contingency DW advised that CI had been issued to Mercury to carry out the works. DW advised that delivery of a switch socket was awaited. DH noted that the door is leaf and half – the gasket doesn't reach the door. This is a laser room and there are concerned about laser penetrating through the gaps. BMCL were asked to investigate if a larger blade could be fitted.	
3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015  28/05/2015  04/06/2015	The Board request a cost for the installation of power and data within ceiling voids in the following locations - GW3-036, - GW3 - 039 - GW3 - 042 In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room. GW advised that AK has been on leave and the cost info would be provided asap. DH suggest will be a couple of months. FS advised that BMCL did not want to be doing works when Yorkhill are moving into the hospitals. DH requested that BMCL look and see if there is sockets there and it just needs longer RJ45 cables. DH requested that BMCL identify any potential disturbance to the room. DW noted that BMCL may struggle to get Boston back on site but would continue to try.	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015  28/05/2015 04/06/2015	The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait. DW noted that the CI had been issued to Mercury. Mercury to provide the cost and the timescale. BMCL will provide costs asap	
3814	PMI 406 -	Enabling and facilitation works - MRI Transfer - NCH	26/05/2015  28/05/2015  04/06/2015	The Board request a cost to provide enabling and and facilitating works associated with the delivery and installation of MRI transferring from Yorkhill to RHSC Level 1. Works to include temporary hoardings, ramps, downtakings at external wall and MRI and subsequent reinstatements. FS noted that BMCL have a programme and understand the scope of works. FS will liaise with JD Peirce to ensure they have got the panel and to get them to site. FS advised that BMCL had an internal meeting and AStephen will be the contact for this item. DH advised that the NHS were awaiting the scaffold plan.	
3819	PMI 407 -	Installation of Vestibular Hook - REH 049	26/05/2015  28/05/2015  04/06/2015	The Board request a cost for the installation of a vestibular hook within room no. REH-049 including support framework fixed to underside of structural slab as required. FS advised that he had sent the previous drawing to M&S to obtain a price. These works will not be achieved prior to Yorkhill moving in. GW advised that SMonk is being chased for a cost by LJamieson.	



				<p>circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p>	
3883	PMI 412	NCH Rehab workshop and machine room - Changes to Supply (single phase to 3 phase)	04/06/2015	<p>The Board request that the supplies to NCH Rehab workshop and machine room are to be as per the attached which alters 4no. supplies (Router x 2, Band Finisher and Band Saw) from single phase to 3 phase.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15221	CE 108	ADULT HOSPITAL STAIR CORE A LEVEL 10 - REPLACE WINDOW	14/05/2015	Replace broken pane of glass to waiting room WS 10-006, all as set out in PMI 367.	
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015  28/05/2015	Please proceed with works set out in PMI 373.  PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE DH advised that he would liaise with DR.	
15451	CE 116	ADULT HOSPITAL IMAGING ROOM RAF-080 REMOVAL OF 1 No. STARKSTROM PENDANT	28/05/2015  04/06/2015	Isolation of services to pendant prior to removal by Starkstrom at no cost, make finishes good.  Agreed cost [REDACTED] incl OH+P but excl. VAT.  DH noted that there had been an issue raised the previous day. Philips have lowered the ceiling by 300mm and there is now 1 sprinkler head which will not reach the ceiling. DW agreed to investigate. PM noted that he had checked the cost build-up and there were no costs included for Starkstrom.	
15452	CE 117	CHILDREN'S HOSPITAL - HYDROTHERAPY POOL STEPS	03/06/2015	Please supply and install two sets of stainless steel steps as set out in PMI 401.	
15454	CE 118	DOOR ACCESS CONTROL ROOMS RNM-017 & RAF-117	03/06/2015	Please undertake work to rectify conflict with door access control between rooms RNM-017 and RAF-117 as set out in PMI 397.	
15455	CE 119	CHILDRENS HOSPITAL OR1 THEATRES - ADDITIONAL POWER AND DATA SOCKETS	03/06/2015	Please proceed and install additional power and data sockets in 5 No theatres for the OR1 / Richard Wolf installation all as set out in PMI 391.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	
15459	CE120	INSTITUTE NEW ENTRANCE - ASBESTOS REMOVAL	04/06/2015	The Board confirm their instruction under PMI 392 to inspect, test and remove asbestos pipe found during ground works for new entrance.  Agreed cost [REDACTED] incl OH+P but excluding VAT.	

### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015) **GW advised that there had been a meeting with DL. BMCL had been requested to list out all the staff time on the project (04/06/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) **DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015)**



- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) **DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015)**
- BMCE/BAM street lighting columns – PMI to be issued by Board to clarify free issue columns and works omitted from BMCE works. (19/02/2015). PM confirmed that BMCL should free issue the columns to BAM and that he would provide a PMI to confirm (26/02/2015) DP advised that BMCL are awaiting confirmation from GCC. GCC advising that they are leaving their installs in situ and these impact on the BMCL ability to install the 3 BMCL lights. BMCL are chasing GCC for a response and may need assistance from the NHS to progress this matter. PM agreed to check for contact details of the Project Street Lighting contact. (12/03/2015) DP advised that GCC have now contacted BMCL so dialogue being progressed. (19/03/2015) DP noted that discussions had progressed however GCC were to discuss the proximity of the overhead cables to the new column (26/03/2015) PM advised that he understood that there may not be as many light fittings required in phase 3a works. DP suggested that the street lights had already all been purchased (02/04/2015) **PM to confirm the way forward (28/05/2015)**
- ETFE roof – NHS will raise this as an EW. FS advised that the supplier were onsite the previous day and it had been identified that there was an issue with the relay at the 2<sup>nd</sup> motor which has subsequently been replaced and BMCL will review. Feedback regarding the reason why the 1<sup>st</sup> motor dropped out is awaited. PM noted that there appeared to be water in one of the cells and FS advised that the water was to be removed and BMCL would review this. (26/02/2015) It was noted that vectorfoiltec had been on site the previous. The relay had been replaced. Confirmation is awaited as to why the 1<sup>st</sup> motor had dropped out. The water ingress had been resolved – small tear sorted. The other area to be remediated was in relation to the interface between Vectorfoiltec and Prater panels and the panels would need to be taken off to resolve this matter (05/03/2015) FS advised that he had emailed Vectorfoiltec and was awaiting a response. FS had met with Prater and have organized for abseilers to take off panels so can remediate interface issue (12/03/2015) PM noted that the NHS were awaiting a report. AF noted that Vectorfoiltec have failed to respond to BMCL. BMCL will escalate the matter with the London office. BMCL will check their contract with Vectorfiltec. (19/03/2015) FS advised that a 7 day notification had been issued on 25/03/2015 (26/03/2015) FS agreed to provide an update to PM later that day (02/04/2015) FS advised that he had not received any further information to date. Sheila had been checking and there had been no further leaks since the fix to the Fatra had been carried out. PM noted that he had witnessed drips on the Tuesday/Wednesday. DW suggested that there may be a fault in the burn-off and to check this out an electrician would need to check the boxes via rope access. AF advised that he had written to the MD. The Customer Services Rep advised that they are not aware of the issues. PM suggested that the issues needed to be resolved and he did not want public to be accessing the building/area when there is leaks/drips. (30/04/2015) DW advised that BMCL are chasing up electrician visit to site (07/05/2015) DW advised that he had received confirmation that the Vectorfoiltec electrician will be here in the next 3 weeks – BMCL have advised that this timescales isn't good enough (14/05/2015) DW noted that the electrician would be on site on the 26<sup>th</sup> May 2015 (21/05/2015) DW advised that the ops had been on site the previous day – 19 of the 20 roof burns offs have an issue at the pillows (internal wiring to the pillows). DW has forwarded on the report to Vectorfoiltec and requested that they provide a response. DH advised that an urgent response was required as from a fire perspective the roof does not work It was agreed that GW would raise this item as an EW. (28/05/2015) **DW noted the following update from the previous day. It was proposed to strip down one of the hot wires in order to identify the issue. BMCL were continuing to push to get the issue resolved. The NHS had asked about contingency and there is no contingency. PM advised that he would raise the hot wire issue as an EW (04/06/2015) Cross reference NHS 059**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was



suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015) FS advised that checks were being carried out on level 10 and level 11 would be checked w/c 25/05/2015 (21/05/2015) FS advised that BMCL checks had been completed to level 11 and were now started in the basement. Mercury are replacing any missing bags. A marked up drawing would be provided via Aconex. PMI awaited from NHS (28/05/2015) **FS advised that Astins had completed their survey the previous day. Mercury have fire bag drawings and everything had been reinstated. GW advised that there needed to be a discussion re costs and BMCL did not consider these to be BMCL costs (circa [REDACTED] (04/06/2015)**

- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015) DW advised that the blue socket is not on the signed off drawings. DH agreed to check the bedhead drawings (14/05/2015) **DH agreed to check the drawings asap (21/05/2015)**
- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015) FS advised that BMCL were not providing a drawing however the planting as discussed would be carried out. (14/05/2015) PM advised that he undertaken a walkround with PMc re hoarding. GW advised that the NHS had agreed the hoarding proposal and suggested that there may be a need to put more metal hoarding up. PM noted that PMcG would provide a drawing to the NHS for review. PM to advise where he would prefer to have the 'better' fencing installed (21/05/2015) **GA advised that PMc has a marked up drawing which had been discussed with Townhill. GW advised that BMCL needed to understand what happens to the other side of the road once demo done at the car park. DH requested a copy of the marked-up drawing (28/05/2015) PM advised that he had walked the line of the fence and a drawing had been prepared. In principle PM was ok with the fencing however he would need to understand the boulevard fencing i.e. does it have debris netting. PM noted that the invisibly splay at the pedestrian crossing could be improved upon. PM advised that he could mark up the visibility splay. Agreed this item could be closed as matters are WIP. (04/06/2015)**
- Cycling shelters – GB advised that these were being reviewed and acknowledged that there was works to be done i.e. sort the ponding on the roof. (30/04/2015) GB noted that proposals had been received and was with Ginkgo. GB would provide information to the NHS once proposal is finalized (07/05/2015) GB advised that BMCL were pushing Ginkgo to finalise their proposals (15/5/2015) PM noted that he had received a proposal to fill the roof with stones so that the water could not be seen – this proposal would not be accepted by the NHS. PM suggested that a drain outlet to the drain the water off should be installed. (21/05/2015) It was noted that GB has liaised with Ginkgo – will be doing a level survey and are looking a installing drainage (28/05/2015) **PM advised that he had been shown a proposal for the roof and in principle had approved the proposal. It was agreed this item could be closed (04/06/2015)**
- Helipad – GB advised that he is going through the folder and pulling out all the relevant info. PM advised that he would want all the info put on Zutec. DW noted that BMCL would have all the info for the helipad and it would have been given to the CAA (14/05/2015) FS advised that he had information to provide to PM asap. The information would be contained in the CAA pack (21/05/2015) FS advised that it is WIP to locate the CAA pack of info. (28/05/2015) **PM advised that he would raise this topic as an EW (04/06/2015)**

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015)
- TUV SUD report issue (Emission testing - SEPA )– Cross ref PMI 339 and PMI 379. CE awaited (28/05/2015)
- Hepa filters – It was noted that there had been a discussion about the filters being missing from the NCH Isolation rooms – BMCL were awaiting confirmation of the delivery of filters. It was thought that there may be a timing issue to complete in time to allow the NHS to do their testing. BMCL would provide a timescale for the supply of the filters. (06/04/2015)
- Nuclear Medicine – It was noted that there was one room in Nuclear Medicine that still had cabinets to be installed and this had been raised with Jordan. FS agreed to liaise with Jordan (04/06/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 24/06/2015:


The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 27/03/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			26/03/2015 02/04/2015	works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.	
			28/05/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS.	
2457 6	BMCE-EWN- 000154	Retrospective Building Warrants for PMI's	25/03/2015	Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections  Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.  Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05//2015 14/05/2015	GB noted that collation of the Building Warrants is WIP GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	

			21/05/2015 28/05/2015 04/06/2015 11/06/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS. FS advised that GB is liaising with Mercury GB advised that this would be progressed once the works completed in the summer	
2556 2	BMCL-EWN-000158	Proximity of Govan Road feature wall to incoming gas main	10/06/2015	SGN have recently raised concerns over the proximity to their incoming gas main to the new feature wall which is being constructed at Govan Road in front of the gas housing (see attached sketch). They are concerned that they will not have unrestricted access to the whole pipe which passes under and runs along the back of the feature wall base, should they need to carry out urgent repairs. We had previously discussed the pipe passing below and are working to a bridging detail - but the position of the pipe at the back only became evident during the install of the RC base. Further discussion with SGN will continue this week.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 24/06/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTURAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainbond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed</p>	

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			11/06/2015	therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards. FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015  21/05/2015 28/05/2015 04/06/2015 11/06/2015	The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015. FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel. FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening. FS advised that on the previous occasion of rain he had investigated and it was thought that it was now identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter. FS noted that a repair had been carried out on Thursday and he understood that there had been water ingress on Saturday. FS would review the roof later that day and proposed to test out using a hose. PM suggested that he would want to be present when the testing was being carried out.	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015  11/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer. DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.	



# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 24/06/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liase with Hugh McDermont to agree extend of works. All as discussed Paul McGuiness / Hugh McDermont. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDermont to view on behalf of NHS and agree extend of works.	
			23/10/2014	PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.	
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.	
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.	
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.	
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.	
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).	
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.	
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.	



			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is thought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on.
			19/02/2015	Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed. BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.
			26/02/2015	DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.
			05/03/2015	PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.
			12/03/2015	DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.
			19/03/2015	GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.
			26/03/2015	PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.
			02/04/2015	PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.
			23/4/2015	PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.
			30/04/2015	GW noted that a CE was required urgently for this item.
			07/05/2015	PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review



			14/05/2015	reviewed the costs and would discuss with GW. DH advised that DR and GW have discussed at GW is reviewing the scope of works and the associated costs. DH suggested that it would be beneficial for DH, CG and GW to discuss the scope of works. The engineers had advised that the drainage isn't big enough if all the machines are running and discharging at the same time. GB noted he had previous experience of this situation in another project and that an attenuation drain had to be built in.	
			21/05/2015	SF to organise meeting	
			28/05/2015	Meeting being organised to take place later that day.	
			04/06/2015	DH advised that he is awaiting revised costs. DW noted that he would chase the costs up.	
			11/06/2015	GW advised that he was meeting with Mercury later that day. BMCL Have been pursuing Mercury for costs.	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.	
			19/02.2015	Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward.	
			26/02/2015	GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31 <sup>st</sup> March completion date is doubtful.	
			05/03/2015	GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.	
			12/03/2015	DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.	
			19/03/2015	DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015	
			26/03/2015	DP advised that the design is due to be provided imminently.	
			02/04/2015	DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.	
			22/04/2015	PM and DL to discuss/agree the way forward asap.	
			30/04/2015	PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.	
			07/05/2015	PM advised that the information is with IP for review.	
			14/05/2015	DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.	
			21/05/2015	SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board	
			04/06/2015	DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.	
			11/06/2015	GW advised that he had rechecked the costs and he thinks that the costs are correct.	

3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	The Board require the undemoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.	
			26/02/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.	
			05/03/2015	PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .	
			12/03/2015	GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.	
			19/03/2015	GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.	
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.	
			02/04/2015	DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.	
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.	
			30/04/2015	PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.	
			14/05/2015	DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.	
			21/05/2015	SF to organize meeting	
			28/05/2015	Meeting being organized for 04/06/2015	
			11/06/2015	GW advised that CE is awaited. Revised costs are on Sypro ([REDACTED]). NHS requested to review asap.	
3458	PMI 353	Neurosurgery Entrance - Bin Store, IT Server and Tube Room relocation	04/03/2015	The Board request a cost for the relocation of the Bin Store, Pneumatic Tube and IT Server Rooms from proposed position within the existing building to the area intended for the Dental X-Ray room as per the attached sketch.	Cross ref CE 124

			<p>This will negate the need to alter the existing dental x-ray room to accommodate the Store, Pneumatic Tube and IT Server Rooms within the new construction works. There will be no need to provide radiation protection within this space but shielding between existing and new spaces will be required.</p> <p>The access to the bin store needs to be located as close as possible to the main North South corridor.</p> <p>Radiation Protection to be as follows: The windows should be overlapped including frames with code 4 lead (1.8 mm Pb) plasterboard.</p> <p>If the existing 'external' walls are brick or concrete in construction then this will be sufficient. However if it is a steel outer (unknown thickness) only with cladding and insulation and plasterboard to inside then once these external walls become internal to the building then code 4 lead (1.8 mm Pb) plasterboard will be required from floor to 2 m height to protect public and staff working on the other side of these walls.</p> <p>05/03/2015 GW advised that he would upload the costs asap. 19/03/2015 GW advised that this is under review by Paul. 26/03/2015 It was noted that GB is awaiting info re design fees, etc. 02/04/2015 GB advised that the fees from Nightingale and Mercury are awaited. Work is ongoing. GB suggested that there may be fire issues and these would be flagged to the NHS asap. 22/04/2015 PM advised that GF and PHeath are looking at alternate plan so as not to move a pre-cast panel. 29/04/2015 GB noted that Heath has had some further discussion with GF. Liaison is ongoing with WSP re fire escape, etc. 07/05/2015 PM noted that PH, GF and GA laising. GB advised that agreement had been received regarding the proposals tabled at the INS Progress meeting – the cost changes were still to be agreed – primarily a couple of partitions. 14/05/2015 GB advised that the design strategy and fire strategy checks. The information was back with Paul. 21/05/2015 GW noted that the costs had been uploaded for NHS review on the 15/05/2015. PM agreed to review asap. 04/06/2015 PM advised that he would review the costs and confirm the way forward.</p>	
3542	PMI 365	INS NEW ENTRANCE - INVESTIGATION WORKS	<p>20/03/2015 Undertake trial digs to investigate unknown underground services. Please undertake trial pit digs to investigate unknown underground services at locations close to piles P21 and P21A as per attached drawing. Once exposed notify the Board's Project Manager to inspect and agree course of action.</p> <p>26/03/2015 It was noted that an instruction had been issued the previous Friday to commence the works. 22/04/2015 GW advised that the costs would be discussed on the basis of the actual works carried out. 30/04/2015 GB suggested that investigative works were ongoing and that an asbestos pipe had been discovered. GW noted that BMCL would need to review the programme. 07/05/2015 PM noted that cost information was awaited 14/05/2015 FS noted that investigation works are ongoing 28/05/2015 FS advised that he has provided a full copy of the survey – probed all the areas GF noted that investigative works had commenced. There is a gas line which needs to be</p>	Cross ref CE 125

			04/06/2015	confirmed as being live or dead. There are a couple of other pipes which need to be identified as to what they are. GA advised that BMCL need to understand what the pipes are so that controls can be put in place before the pipes are checked out. GA noted that the gas pipe is for the old cafe but it was not known if this was dead/live. DW noted that there is no easy way to deal with unknown pipes. DH enquired if the pipe could be followed out to the path and check if there is a toby, etc. DW suggested that it would be better to identify the end of the pipe inside the building. GA noted that there is potentially gas at the imaging entrance, old steam pipe and drain from old fountain. DW suggested that the digging should be progressed towards the building. DH agreed this was the best course of action at this time and GA was asked to liaise with Land Eng.	
			11/06/2015	FS advised that it is work in progress to identify unknown services – services have been exposed into the building. PM noted that the fountain pipe has been discounted. The Gas pipe was to be checked going into the building. PM had advised that a small hole should be drilled into the top of the black marley pipe to check if this is running. FS noted that GA and GF continue to liaise about the services. PM advised that he had asked GF to get Estates Reps over to resolve the gas pipe issue asap. GA advised that the Gas board had been on site and had advised that it is their pipe. The gas board had shown the length of pipe on a drawing and suggested that the leg of steel pipe is redundant however they will need to come back out and open up a valve to ensure is redundant. Once the pipe has been proved as being redundant then BMCL/NHS can cut the steel pipe. There had been no timescales given for the return to site of the Gas board. GA would chase up the Gas Board on Monday (15/06/2015). GW noted that the costs for the investigative works had been uploaded and requested a CE for the investigative works.	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015	Please provide a cost to install the additional access infrastructure as detail on the attached drawing.  Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.  Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.  With the cost please provide a timescale to order materials and complete the installation.	
			14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015	DW advised that Mercury are currently pricing. GW noted that this item was currently being priced DW advised that a cost is awaited from Mercury. GW advised that he was checking the costs before providing to the NHS PM advised that he had received the cost and he would need to get confirmation from the Users that they are prepared to cover the cost from their internal budget.	
3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015  14/05/2015	Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 /2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings. PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work	

			<p>21/05/2015</p> <p>28/05/2015</p> <p>11/06/2015</p>	<p>redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by.</p> <p>PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed.</p> <p>FS advised that Astins are onsite on 29/05/2015. BMCL have a door set and the door works would be carried out over the weekend. DH advised that he would confirm this with DL.</p> <p>FS advised that the doors are due to arrive on site later that day and he would link with the Theatre Manager to arrange a time to fit – it was thought it was likely to be Friday night.</p>	
3764	PMI 396 -	Sprinkler Head RCI-013	<p>13/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>The Board request the relocation of 1no. sprinkler head in RCI-013, Interventional Radiology Lab, currently located between the Toshiba gantry rails and likely to incur damage upon movement of the gantry carriage.</p> <p>DW noted that this item was being reviewed the previous day. Cost info will be provided asap.</p> <p>It was noted that this item was closed.</p> <p>DH noted that this is a Group 5 equipment list item – CE to be provided.</p>	Cross ref CE 128
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	<p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>11/06/2015</p>	<p>Please supply and install additional turfing to areas A &amp; B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.</p> <p>In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.</p> <p>PM noted that cost info awaited</p> <p>GW agreed to provide the cost asap</p> <p>PM noted that Land Eng had already planted out 1 area and there was no benefit in ripping the planting back out. Only the 2 small areas require to be priced now.</p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	<p>18/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the</p>	



			11/06/2015	lights. PMI 411 had been raised to cover these items. GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015  21/05/2015 28/05/2015  04/06/2015  11/06/2015	Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure. GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails. FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works. FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool It was noted that MMacleod was liaising with Physio for confirmation. It was noted that CE 0117 covered this item. FS advised that he had spoken to MMaCl the previous day who had advised that the stretcher is not suitable (would not pass infection control) and it was suggested that a wheelchair option would be preferable. DH advised that he recalled that there had been an original drawing signed off however after this BMCL had changed their supplier to World Leisure. DH requested that BMCL provide the extra over cost. FS agreed to obtain the cost for the wheelchair and to check if WorldLeisure would take the stretcher back. FS advised that he had received the quote for the wheelchair adaptor the previous day (circa [REDACTED]). BMCL were awaiting confirmation from World Leisure that they will give credit back for the stretcher.	
3781	PMI 402	CPS -004 (Child Protection Unit) – Wall Mounted colposcope	19/05/2015  21/05/2015 04/06/2015  11/06/2015	The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.  Costs to be allocated to PMI 328 contingency sum. PM enquired if this could be installed on a surface pattress and FS agreed. BMCL to progress with pattress with chamfered edge and to paint to make surface wipeable. FS advised that the builders works have been carried out. DW noted that the electrical works were likely to carried out over the coming week. DH enquired if BMCL could fit the fixings for the monitor bracket. GW noted that the cost was circa [REDACTED]. DW noted that the electrical works were getting done later that day. It was noted that the costs are to be allocated to PMI 328.	
3788	PMI 403 -	Provision of interlocked switch socket in OPD-183	25/05/2015  28/05/2015	The Board request the provision of 1no. 32A 2P&E Interlocked switched socket in OPD-183 NCH Out-patients treatment room for a V-beam Pulsed Pye Laser supply to be located above bedhead services trunking alongside vertical dropper. Costs to be allocated to PMI 328 contingency DW advised that CI had been issued to Mercury to carry out the works.	

			04/06/2015  11/06/2015	DW advised that delivery of a switch socket was awaited. DH noted that the door is leaf and half the gasket doesn't reach the door. This is a laser room and there are concerned about laser penetrating through the gaps. BMCL were asked to investigate if a larger blade could be fitted. DW noted that the delivery of the socket is awaited and BMCL are chasing this up. DW would confirm the date for the works asap. FS agreed to check the door blade.	
3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015  28/05/2015  04/06/2015 11/06/2015	The Board request a cost for the installation of power and data within ceiling voids in the following locations - GW3-036, - GW3 - 039 - GW3 - 042 In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room. GW advised that AK has been on leave and the cost info would be provided asap. DH suggest will be a couple of months. FS advised that BMCL did not want to be doing works when Yorkhill are moving into the hospitals. DH requested that BMCL look and see if there is sockets there and it just needs longer RJ45 cables. DH requested that BMCL identify any potential disturbance to the room. DW noted that BMCL may struggle to get Boston back on site but would continue to try. GW noted that the Mercury cost had been received (circa 8k). LJamieson is in the process of reviewing the costs. DW advised that he would resend his comments to GW in LJ's absence.	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015  28/05/2015 04/06/2015 11/06/2015	The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait. DW noted that the CI had been issued to Mercury. Mercury to provide the cost and the timescale. BMCL will provide costs asap DH advised that these works were getting urgent (circa [REDACTED]). DW advised that he would resend his comments to GW in LJ's absence.	
3814	PMI 406 -	Enabling and facilitation works - MRI Transfer - NCH	26/05/2015  28/05/2015  04/06/2015 11/06/2015	The Board request a cost to provide enabling and and facilitating works associated with the delivery and installation of MRI transferring from Yorkhill to RHSC Level 1. Works to include temporary hoardings, ramps, downtakings at external wall and MRI and subsequent reinstatements. FS noted that BMCL have a programme and understand the scope of works. FS will liaise with JD Peirce to ensure they have got the panel and to get them to site. FS advised that BMCL had an internal meeting and AStephen will be the contact for this item. DH advised that the NHS were awaiting the scaffold plan. PM noted a cost of circa [REDACTED]. DH advised that he is chasing the scaffolding design.	Cross ref CE 121
3819	PMI 407 -	Installation of Vestibular Hook - REH 049	26/05/2015  28/05/2015  04/06/2015 11/06/2015	The Board request a cost for the installation of a vestibular hook within room no. REH-049 including support framework fixed to underside of structural slab as required. FS advised that he had sent the previous drawing to M&S to obtain a price. These works will not be achieved prior to Yorkhill moving in. GW advised that SMonk is being chased for a cost by LJamieson. FS advised that the cost was to be received later that week. DW advised that he would be checking out the room for services.	



				<p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p>	
3883	PMI 412	NCH Rehab workshop and machine room - Changes to Supply (single phase to 3 phase)	04/06/2015	The Board request that the supplies to NCH Rehab workshop and machine room are to be as per the attached which alters 4no. supplies (Router x 2, Band Finisher and Band Saw) from single phase to 3 phase.	Cross Ref CE 129
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	11/06/2015	<p>Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.</p> <p>The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.</p> <p>Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on Sketch B.</p> <p>To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman).</p>	
3922	PMI 414	CHILDREN'S HOSPITAL EMERGENCY DEPT - VIDEO ENTRY SYSTEM	15/06/2015	Please provide a cost to relocate ambulance video entry system base from desk in area OBW-002 Staff / Enquiry to Staff Base in Chilren's ED area code EMC 061. External call point to remain in current location. Refer attached sketch.	
3923	PMI 415	- Additional IPS Sockets	15/06/2015	<p>The Board request a cost for the installation of 4no. IPS twin socket outlets (medical) in trunking in RCG-071 and 2no. IPS twin sockets on trunking in RCG-069.</p> <p>Please cost RCG-071 as standalone &amp; RCG 069 as complimentary as the former may proceed without the latter but not vice versa.</p> <p>If the quantities exceed capacities on the existing IPS Unit please advise prior to pricing.</p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul>	

3925	PMI 417 -	Excavation around existing gas main - Neurosurgery entrance	15/06/2015	The Board request the provision of quotation for the excavation around existing abandoned Gas Main outwith extension building line. Once excavated cut the pipe and plug with concrete as per discussions with SGN.	
3926	PMI 418 -	Additional investigative excavations - Neurosurgery Entrance	15/06/2015	The Board instruct the additional investigative excavations to confirm the extent of unknown services identified during the pile cap excavations. These services are detailed within the summary report INS Entrance -Trail Pit Photos and Services Clash Report (Dated 27th May 2015).	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fore doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users.</p>	
3936	PMI 420 -	CHILDRENS HOSPITAL - MRI INSTALLATION ADDITIONAL WORKS	17/06/2015	Amend works set out in PMI 406 as follows. Omit single direction ramp at gradient of 1:12 at change in level outside Neo-natal Unit. Add ramp with top landing 1220x1500mm with ramp 1220mm wide on grade 1:12, ramp to have guard rail to stop trolley falling off edge. Ramp to be constructed from regularised timber and 18mm plywood.	
3937	PMI 421	ADULT HOSPITAL OPD GROUND FLOOR ROOM ORT-014 - WALL BARS	17/06/2015	<p>Please proceed and fit 2 sets of timber wall bars in room ORT 014. Wall bars are each nominally 2400mm high by 860mm wide and are fixed to the wall with angle brackets provided. Wall bars come flat pack and require to be put together, all fixings supplied. Also provide a finished surface mounted patress top and bottom as per instructions, screw fix pattress to background studs to allow for reasonable load as discussed PMoir/FShaw/User 17/6/15. make all finishes good.</p> <p>Refere attached sketch for location.</p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p>	

				<p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p>	
3960	PMI 423	CHILDRENS HOSPITAL - MEDICINEMA	23/06/2015	<p>Please complete defects to two sets of doors as quickly as possible. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.</p> <p>Please complete defects to two sets of doors as quickly as possible, these have been on defects list for sometime and as Medicinema coming into use shortly these defects require to be completed. Door manufacturer to confirm integrity of 1 hour fire doors maintained following change of ironmongery to one set of doors and to the other damage to door following replacement of glass panel. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.</p>	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015   28/05/2015 11/06/2015	<p>Please proceed with works set out in PMI 373.</p> <p>PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&amp;B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE</p> <p>DH advised that he would liaise with DR.</p> <p>FS advised that all the works had been completed with the exception of anti-lig knobs which were to be fitted later that day. BMCL were aware that the light switches did not have tamper proof screws. DH suggested that BMCL should try to obtain the tamper proof screws asap. DH agreed to chase DR for a response to the cost information</p>	Cross ref CE 126?
15451	CE 116	ADULT HOSPITAL IMAGING	28/05/2015	Isolation of services to pendant prior to removal by Starkstrom at no cost, make finishes good.	

		ROOM RAF-080 REMOVAL OF 1 No. STARKSTROM PENDANT	04/06/2015  11/06/2015	Agreed cost [REDACTED] incl OH+P but excl. VAT.  DH noted that there had been an issue raised the previous day. Philips have lowered the ceiling by 300mm and there is now 1 sprinkler head which will not reach the ceiling. DW agreed to investigate. PM noted that he had checked the cost build-up and there were no costs included for Starkstrom.  It was agreed this CE could be closed. Separate PMI to be issued re sprinkler head – flexi hose proposal does not work.	
15560	CE 121	CHILDRENS HOSPITAL - MRI TRANSFER REINSTATEMENT WORKS	12/06/2015	Please proceed and provide attendance and reinstatement works associated by the delivery of a MRI transferred from Yorkhill Hospital and as set out in PMI 406.	24/06/2015
15593	CE 122	FACILITIES - ENABLING WORKS FOR MOP WASHER/DRYERS	17/06/2015	Please proceed and install M&E services and carry out minor building works to enable the installation of tumble dryers and high spin washers in the Laboratory & Facilities Block ground floor.	24/06/2015
15595	CE 123	CHILDRENS HOSPITAL GW3 - INSTALL OF POWER & DATA IN CEILINGS	17/06/2015	Proceed with works set out in PMI 404 to provide additional power and data in rooms GW3-036; GW30039 and GW3-042.	24/06/2015
15608	CE 124	Neurosurgical Block Entrance Works - Amendments to First Floor Layout	17/06/2015	Proceed with works to reconfigure the first floor plan to retain the dental X-Ray room in existing position.	24/06/2015
15609	CE 125	Neurosurgical Block Entrance Works - Investigation of and removal underground services	18/06/2015	Undertake investigation to establish position and type of uncharted services, hand dig around, establish if live or redundant, terminate and remove.	24/06/2015
15610	CE 126	CHILDREN'S HOSPITAL - DCFP WARD ADDITIONAL ANTI-LIG WORKS	18/06/2015	Proceed with works as set out in PMI 373, for two high risk en suite shower and WC rooms, and to nurse call system.	24/06/2015
15611	CE 127	ENERGY CENTRE - FLUE GAS EMISSIONS MONITORING	18/06/2015	To meet requirements of SEPA, supply and install flue gas testing sockets to 7 No boiler flues and 3 No CHP flues.	24/06/2015
15612	CE 128	CHILDREN'S HOSPITAL IMAGING ROOM RCI-013	18/06/2015	As a result of a clash between the head track for Group 5 imaging equipment a sprinkler head require to be isolated, repositioned and re energised, please proceed with works as set out in PMI 396.	24/06/2015
15665	CE 129	CHILDREN'S HOSPITAL REHAB DEPT - WORKSHOP POWER SUPPLIES	22/06/2015	Please proceed with works as set out in PMI 412 to uprate 5 No power supplies in the workshop area.	24/06/2015
15669	CE 130	PNEUMATIC TUBE SYSTEM - ADAPTATIONS TO PROGRAMMING FOR DIAGNOSTIC SERVICES	23/06/2015	Please proceed and make programming changes to the pneumatic tube system as set out in PMI 409.	24/06/2015
15681	CE 131	EXTERNAL WORKS - LANGLANDS DRIVE LAY-BY SERVICES DIVERSIONS	23/06/2015	Confirmation of works undertaken under PMI 309 to divert and lay new ducts for IT cables that were uncharted and not recorded on external services drawings issued by the Board at tender stage. Costs for hand dig and lowering of 6 No ducts in addition to diversion.	24/06/2015



### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015) **GW advised that there had been a meeting with DL. BMCL had been requested to list out all the staff time on the project (04/06/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) **DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015)
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015) FS advised that checked were being carried out on level 10 and level 11 would be checked w/c 25/05/2015 (21/05/2015) FS advised that BMCL checks had been completed to level 11 and were now started in the basement. Mercury are replacing any missing bags. A marked up drawing would be provided via Aconex. PMI awaited from NHS (28/05/2015) FS advised that Astins had completed their survey the previous day. Mercury have fire bag drawings and everything had been reinstated. GW advised that there needed to be a discussion re costs and BMCL did not consider these to be BMCL costs (circa [REDACTED] (04/06/2015) FS advised that Mercury have replaced all the missing bags. BMCL would upload all the info to Zutec. GW noted that a PMI and a discussion about the works was required (11/06/2015)
- MRI/Anaesthetic Prep rooms – blue socket – DP agreed to discuss this with DW (02/04/2015) DH advised that query is why don't have any blue sockets. DW advised that he understood the area had been built as per signed off drawing. (30/04/2015) DW advised that the blue socket is not on the signed off drawings. DH agreed to check the bedhead drawings (14/05/2015) DH agreed to check the drawings asap (21/05/2015) DH advised that he had looked at the rooms. The NHS would not have asked for blue sockets to prep room as users had subsequently changed the use of the prep room. The second room was a previous change. DH and DW to review the trunking onsite. DH agreed to issue a PMI (11/06/2015)


- External works – AF advised that he would want to go over the landscape drawing and understand what the expectation is for official opening. AF was meeting with DL the next day (30/4/2015) FS advised that turf is going into areas – an over marked drawing will be provided. PM will provide a PMI once drawings received. (07/05/2015) FS advised that BMCL were not providing a drawing however the planting as discussed would be carried out. (14/05/2015) PM advised that he undertaken a walkround with PMc re hoarding. GW advised that the NHS had agreed the hoarding proposal and suggested that there may be a need to put more metal hoarding up. PM noted that PMcG would provide a drawing to the NHS for review. PM to advise where he would prefer to have the 'better' fencing installed (21/05/2015) GA advised that PMc has a marked up drawing which had been discussed with Townhill. GW advised that BMCL needed to understand what happens to the other side of the road once demo done at the car park. DH requested a copy of the marked-up drawing (28/05/2015) PM advised that he had walked the line of the fence and a drawing had been prepared. In principle PM was ok with the fencing however he would need to understand the boulevard fencing i.e. does it have debris netting. PM noted that the invisibly splay at the pedestrian crossing could be improved upon. PM advised that he could mark up the visibility splay. Agreed this item could be closed as matters are WIP. (04/06/2015) **PM advised that he wished to see a drawing re the fence and that he would provide information regarding the splay (11/06/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) **GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015)**
- TUV SUD report issue (Emission testing - SEPA) – Cross ref PMI 339 and PMI 379. CE awaited (28/05/2015) **GW advised that costs had been received from Mercury for the install of sockets. DW advised that the costs include for the install of the Bosch TUV. Designed scaffold was also required. GW advised that he would provide the costs via Sypro. GW to provide TUV report to GW (11/06/2015)**
- Nuclear Medicine – It was noted that there was one room in Nuclear Medicine that still had cabinets to be installed and this had been raised with Jordan. FS agreed to liaise with Jordan (04/06/2015) **FS advised that the cabinets are due on site on 25/06/2015. There may be an issue obtaining the worktop however. (11/06/2015)**
- Patient Entertainment System – DH noted that he had been advised that there is a problem with the screens in schiehallion – the screen is pixilated. He had been advised that this is a Board issue. IT are however advising that it is an Airwave issue. DW noted that Airwave problem based on type of network and he would check this out (11/06/2015)
- IPS Repairs – FW noted that there was an issue re type of dispenser fitted as they don't cover the existing holes (11/06/2015)
- Demo works – It was noted that PMc has identified some matters requiring discussion i.e. more car parking spaces to be lost, services trenches, services disconnections, etc. (11/06/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 22/07/2015:


<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. <b>PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing</p>	



			07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015 25/06/2015	update/design fees. GB noted that collation of the Building Warrants is WIP GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS. FS advised that GB is liaising with Mercury GB advised that this would be progressed once the works completed in the summer GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
25562	BMCL-EWN-000158	Proximity of govan road feature wall to incoming gas main	10/06/2015 25/06/2015	SGN have recently raised concerns over the proximity to their incoming gas main to the new feature wall which is being constructed at Govan Road in front of the gas housing (see attached sketch). They are concerned that they will not have unrestricted access to the whole pipe which passes under and runs along the back of the feature wall base, should they need to carry out urgent repairs. We had previously discussed the pipe passing below and are working to a bridging detail - but the position of the pipe at the back only became evident during the install of the RC base. Further discussion with SGN will continue this week. FS noted that the feature wall was starting to be constructed and the heras would be taken down that day with the ivy being on site to be placed. It was agreed that the planters were to be placed at the main door the following morning. PM enquired about the heras fencing and GA advised that BMCL had been awaiting the construction of solid fencing which would be completed that day and the blue hoarding would be tidied up as well. It was agreed this item could be closed.	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	22/07/2015	Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.  The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.  Board to issue PMI/ CE covering the works.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 21/07/2015

						
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status	
24641	NHS EW 057 A51679245	ADULT HOSPITAL	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that		


		STRUCTURAL SYSTEM	<p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p>	<p>occured on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p>	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	<p>18/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p>	<p>The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.</p> <p>FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.</p> <p>FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.</p> <p>FS advised that on the previous occasion of rain he had investigated and it was thought that it was now identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter.</p> <p>FS noted that a repair had been carried out on Thursday and he understood that there had been water ingress on Saturday. FS would review the roof later that day and proposed to test out using a hose. PM</p>	



			25/06/2015	suggested that he would want to be present when the testing was being carried out. FS noted that the sill flashing and extrusion had been redone and no issue had been identified since these works had been carried out.	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015  11/06/2015  25/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer. DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue. FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 21/07/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3040	PMI 309	Langlands Drive Bus Lay-by Service Diversions	16/10/2014	Please undertake diversionary works to existing services as described below. Please liase with Hugh McDerment to agree extend of works. All as discussed Paul McGuiness / Hugh McDerment. SGN Gas Main - BMCE to contact SGN and agree works to cap pipe at a position at nearest point west of tee off to PDRU building. SGN to confirm main does not serve any buildings down line from this point, pipe appears to be capped at Langlands Building LPG tanks. Once pipe capped, BMCE to vent pipe and remove from area of works. Water main - excavate and expose main to confirm depth, if not sufficient for pavement, or cannot be accommodated in pavement design then lower, if cannot be lowered then divert. IT/Comms Ducts - expose ducts to confirm depth, if insufficient or cannot be protected by concrete slab, lower ducts and 2 No. pits. All above to be inspected on site once opened up, Hugh McDerment to view on behalf of NHS and	

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			23/10/2014	agree extend of works. PMI has now been forwarded - some work to be concluded with SGN and Scottish Water before the programme can be concluded.
			30/10/2014	DP advised that he had contacted Scottish Water and Scottish Gas Networks and asked them to confirm their services noting that SW and SGN will obviously work to their own programme to carry out these works however DP would continue to review and push to get the works carried out.
			13/11/2014	DP advised that SGN were due on site later that day to inspect the pipe and advise on any work required. DP noted that the water pipe was an NHS pipe so is easier to deal with.
			20/11/2014	DS noted that DP has advised that the SGN gas pipe is ok. The tree removal is expected to commence 1 <sup>st</sup> week December 2014. GW enquired if BMCL had an agreed scope of works re services i.e. water pipe. GW noted that it had previously been agreed that BMCL would have a walkround with Hugh McDermont to agree the scope of works. PM advised that once the pipe is exposed then there would be a site visit to agree the way forward.
			27/11/2014	AFe noted that the trees would be coming down on Monday and BMCL would then create a path round the back. Thereafter the excavation would be undertaken. SGN rep have advised that there may be another gas pipe but this will not be known until excavate. PMcG is meeting with AFe later that day to discuss public/pedestrian separation.
			04/12/2014	AF advised that works have been started, the wall had been taken down and the trees were to be taken down the next day (Fri).
			11/12/2014	DH advised that there had been a suspicion of there being a 2 <sup>nd</sup> gas pipe. DP advised that SGN have inspected as if it is a live pip and confirmed that there is plenty of coverage on it. BMCL are liaising with SGN.
			08/01/2015	DP advised that BMCL are working with SGH and it was thought the works would be complete 3-4 weeks post handover. An old gas main had been located so operatives are being careful working in that area.
			15/01/2015	DP advised that work is ongoing. A further rogue gas pipe had been identified and BMCL were working with SGN however it was thought that the pipe is at a sufficient depth to allow the BMCL works to be progressed
			22/01/2015	AF suggested that there would be 4 weeks work post 26 <sup>th</sup> January to conclude and this matter would be added to the schedule with a completion date of end Feb 2015.
			29/01/2015	AF advised that BMCL were still targeting the end Feb for completion of these works. PM advised he will discuss with AF the alternate proposal to the blue proposed shelter and requested that BMCL do not fit in the blue bus stop. GW advised that he would provide cost info.
			05/02/2015	GW advised that PMcG, HMcD and Land Eng are going to open up some services – further details will be available on 09/02/2015. PM advised that he had walked round with PMcG and that it is ithought that the bus stop may be constrained. PMcG Had agreed to get a drawing of the bus layby. There is potential impacts on the fence line works which need to be completed by 31 <sup>st</sup> March 2015 as is Capital Plan funded.
			12/02/2015	GW advised that the trial holes were currently being dug with a view to getting HMc to review on 13/02/2015. AF advised that he is of the view that progress not being achieved quick enough therefore he had asked for works to be pushed on. Site visit 18/02/2015 (PM, HMcD, PMcG, JP) agreed black ducts at east end of bus stop deep enough to remain with perhaps some localised dig to drop, at west end ducts will require to be dropped by further dig. Number of ducts to be rationalised as some empty and can be removed.

			<p>19/02/2015 BM to contact SGN and have CI gas pipe terminated. Boards fencing and car park project commences 23 February 2015.</p> <p>26/02/2015 DP advised that there is 2 BMCL working – 1 squad is working on the ducts and the other the block. GW advised that the costs had been uploaded to Sypro.</p> <p>05/03/2015 PM advised that he had received the price. GW advised that BMCL are ongoing with the work so require a CE. PM suggested that BMCL could excavate and drop the 3 live ducts and remove the ducts that are not live. PM needs an understanding of the quotation (circa [REDACTED]) before the CE can be issued.</p> <p>12/03/2015 DP advised that reps are working on and DP would tie in with the reps later that day. PM advised that he will discuss with DR the [REDACTED] cost and that he needed to understand the original work content and what is being done.</p> <p>19/03/2015 GW advised that he had further reviewed the costs and they look satisfactory. PM agreed to progress the CE noting that he just wanted to understand the costs and understand what was agreed in the scope of works.</p> <p>26/03/2015 PM advised that he has the workings to review and needed to check out the existing agreed services drawing in advance of providing feedback.</p> <p>02/04/2015 PM advised that he had not had an opportunity to review the existing services drawing. AF suggested that the works were being done/been completed. GW advised that the only thing outstanding is CE.</p> <p>23/4/2015 PM advised that he would progress this item asap. GW enquired if there was anything that BMCL could do to assist. PM needed to review the drawing. GW advised that he would liaise with PMcG for a copy of the drawing.</p> <p>30/04/2015 GW noted that a CE was required urgently for this item.</p> <p>07/05/2015 PM requested that GB issued the drawings in PDF format. GB suggested that the drawings had been issued in PDF format. PM agreed to check he had received the drawings in PDF and review asap.</p> <p>14/05/2015 PM noted that he had received the drawings in autocad and would try to locate software to open them.</p> <p>28/05/2015 GW advised that he needed a CE urgently – the works have been carried out.</p> <p>11/06/2015 PM advised that he has a NHS CAD multi-layer drawing which shows the services. PM wanted the BMCL copy of this drawing as this is what BMCL refer to. PM agreed to liaise with PMcG.</p> <p>25/06/2015 Agreed item can be closed. Cross reference CE 131.</p>	
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015 Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>19/02/2015 Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>26/02/2015 GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>05/03/2015 GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>12/03/2015 DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p>	

			<p>19/03/2015 DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>26/03/2015 DP advised that the design is due to be provided imminently.</p> <p>02/04/2015 DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>22/04/2015 PM and DL to discuss/agree the way forward asap.</p> <p>30/04/2015 PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>07/05/2015 PM advised that the information is with IP for review.</p> <p>14/05/2015 DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>21/05/2015 SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>04/06/2015 DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>11/06/2015 GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>25/06/2015 DW noted that minimal works have been commenced.</p>	
3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	<p>19/02/2015 The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.</p> <p>26/02/2015 GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.</p> <p>05/03/2015 PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .</p> <p>12/03/2015 GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.</p> <p>19/03/2015 GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the</p>	

			<p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>11/06/2015</p> <p>25/06/2015</p>	<p>lines are going in so that he can provide feedback to the telecoms reps.</p> <p>PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.</p> <p>DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.</p> <p>PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.</p> <p>PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.</p> <p>DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.</p> <p>SF to organize meeting</p> <p>Meeting being organized for 04/06/2015</p> <p>GW advised that CE is awaited. Revised costs are on Sypro ([REDACTED]). NHS requested to review asap.</p> <p>DH noted that it is WIP to check back previous documentation.</p>	
3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	<p>12/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p>	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p>DW advised that a cost is awaited from Mercury.</p> <p>GW advised that he was checking the costs before providing to the NHS</p> <p>PM advised that he had received the cost and he would need to get confirmation from the Users that they are prepared to cover the cost from their internal budget.</p> <p>PM noted that this is WIP to progress with the Users</p>	

3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015  14/05/2015  21/05/2015 28/05/2015 11/006/2015  25/06/2015	<p>Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 /2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings.</p> <p>PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by.</p> <p>PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed.</p> <p>FS advised that Astins are onsite on 29/05/2015. BMCL have a door set and the door works would be carried out over the weekend. DH advised that he would confirm this with DL.</p> <p>FS advised that the doors are due to arrive on site later that day and he would link with the Theatre Manager to arrange a time to fit – it was thought it was likely to be Friday night.</p> <p>FS noted that the decor was to be finished on Saturday. PM agreed to issue a CE. FS advised that he would check that the costs had been put on Sypro.</p>	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015    21/05/2015 28/05/2015 11/06/2015  25/06/2015	<p>Please supply and install additional turfing to areas A &amp; B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.</p> <p>In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.</p> <p>PM noted that cost info awaited</p> <p>GW agreed to provide the cost asap</p> <p>PM noted that Land Eng had already planted out 1 area and there was no benefit in ripping the planting back out. Only the 2 small areas require to be priced now.</p> <p>PM advised he would provide a CE</p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015       21/05/2015 28/05/2015 04/06/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the</p>	

			11/06/2015 25/06/2015	lights. PMI 411 had been raised to cover these items. GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect. PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015  21/05/2015 28/05/2015  04/06/2015  11/06/2015 25/06/2015	Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure. GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails. FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works. FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool. It was noted that MMacleod was liaising with Physio for confirmation. It was noted that CE 0117 covered this item. FS advised that he had spoken to MMaCL the previous day who had advised that the stretcher is not suitable (would not pass infection control) and it was suggested that a wheelchair option would be preferable. DH advised that he recalled that there had been an original drawing signed off however after this BMCL had changed their supplier to World Leisure. DH requested that BMCL provide the extra over cost. FS agreed to obtain the cost for the wheelchair and to check if WorldLeisure would take the stretcher back. FS advised that he had received the quote for the wheelchair adaptor the previous day (circa [REDACTED]). BMCL were awaiting confirmation from World Leisure that they will give credit back for the stretcher. FS advised that WorldLeisure will not give any credit back for the stretcher so if the NHS want a wheelchair adaptor it would cost a further [REDACTED].	
3781	PMI 402	CPS -004 (Child Protection Unit) – Wall Mounted colposcope	19/05/2015  21/05/2015 04/06/2015 11/06/2015	The Board request wall strengthening, fixing of support plate, additional twin 13A socket (allowance already in ceiling for pendant) and containment for AV cabling as per the attached sketch.  Costs to be allocated to PMI 328 contingency sum. PM enquired if this could be installed on a surface pattress and FS agreed. BMCL to progress with pattress with chamfered edge and to paint to make surface wipeable. FS advised that the builders works have been carried out. DW noted that the electrical works were likely to be carried out over the coming week. DH enquired if BMCL could fit the fixings for the monitor bracket. GW noted that the cost was circa [REDACTED]. DW noted that the electrical works were getting done later that day. It was noted that the costs are to be allocated to PMI 328.	



			25/06/2015	DH advised that the works had been done. PM noted that the costs were to be allocated to PMI 328. It was agreed this item could be closed	
3788	PMI 403 -	Provision of interlocked switch socket in OPD-183	25/05/2015  28/05/2015 04/06/2015  11/06/2015  25/06/2015	The Board request the provision of 1no. 32A 2P&E Interlocked switched socket in OPD-183 NCH Out-patients treatment room for a V-beam Pulsed Pye Laser supply to be located above bedhead services trunking alongside vertical dropper. Costs to be allocated to PMI 328 contingency DW advised that CI had been issued to Mercury to carry out the works. DW advised that delivery of a switch socket was awaited. DH noted that the door is leaf and half – the gasket doesn't reach the door. This is a laser room and there are concerned about laser penetrating through the gaps. BMCL were asked to investigate if a larger blade could be fitted. DW noted that the delivery of the socket is awaited and BMCL are chasing this up. DW would confirm the date for the works asap. FS agreed to check the door blade. FS advised that a joiner had now fixed the gasket. It was agreed that this item could be closed.	
3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015  28/05/2015  04/06/2015 11/06/2015  25/06/2015	The Board request a cost for the installation of power and data within ceiling voids in the following locations - GW3-036, - GW3 - 039 - GW3 - 042 In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room. GW advised that AK has been on leave and the cost info would be provided asap. DH suggest will be a couple of months. FS advised that BMCL did not want to be doing works when Yorkhill are moving into the hospitals. DH requested that BMCL look and see if there is sockets there and it just needs longer RJ45 cables. DH requested that BMCL identify any potential disturbance to the room. DW noted that BMCL may struggle to get Boston back on site but would continue to try. GW noted that the Mercury cost had been received (circa 8k). LJamieson is in the process of reviewing the costs. DW advised that he would resend his comments to GW in LJ's absence. DW noted that BMCL had encountered access difficulties and were proceeding with works as they get access. PM advised that he would speak to the GM for GW3.	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015  28/05/2015 04/06/2015 11/06/2015  25/06/2015	The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait. DW noted that the CI had been issued to Mercury. Mercury to provide the cost and the timescale. BMCL will provide costs asap DH advised that these works were getting urgent (circa [REDACTED]). DW advised that he would resend his comments to GW in LJ's absence. DW advised that it was hoped to commence on 6 <sup>th</sup> June 2015.	

3819	PMI 407 -	Installation of Vestibular Hook - REH 049	26/05/2015 28/05/2015 04/06/2015 11/06/2015  25/06/2015	The Board request a cost for the installation of a vestibular hook within room no. REH-049 including support framework fixed to underside of structural slab as required. FS advised that he had sent the previous drawing to M&S to obtain a price. These works will not be achieved prior to Yorkhill moving in. GW advised that SMonk is being chased for a cost by LJamieson. FS advised that the cost was to be received later that week. DW advised that he would be checking out the room for services.  Agreed that item can be closed as couldn't be progressed due to conflicts with existing ductwork.	
3821	PMI 408 -	Install 2no fused spurs - SCH - 021	26/5/2015 28/05/2015 04/06/2015 11/06/2015 25/06/2015	The Board request the installation of 2no. fused spurs at 2.0m above FFL in SCH-021 for 2no. chemo fridges. 2no. MSC-002 units to be removed to accommodate the fridges. Costs to be allocated to PMI 328 contingency. DH noted that these works are more urgent. JMiller has been progressing. DW advised that Mercury have been instructed to carry out the work. DW advised that he was trying to get Mercury to progress this asap. FS advised that the fused spurs had been done.  Item closed	
3880	PMI-410	CHILDREN'S HOSPITAL THEATRE DEPT - WC ROOM THE-013 DAMAGED WHB	03/06/2015 11/06/2015 25/06/2015	Please supply and install new hand rinse whb to replace broken whb. Make all finishes good.  FS noted that the works had been carried out the previous day. GW advised that he would upload the cost asap.  PM agreed to check Sypro for cost info	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015       25/06/2015	Please re-configure installed arrangement as follows.  Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC. Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs. Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.  PM advised that he would liaise with JPhillips re doing the works at the weekend.	
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	11/06/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.  The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.  Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on	

			25/06/2015	<p>Sketch B.</p> <p>To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman).</p> <p>FS advised that he would check this with JMiller</p>	
3922	PMI 414	CHILDREN'S HOSPITAL EMERGENCY DEPT - VIDEO ENTRY SYSTEM	15/06/2015  25/06/2015	<p>Please provide a cost to relocate ambulance video entry system base from desk in area OBW-002 Staff / Enquiry to Staff Base in Chilren's ED area code EMC 061. External call point to remain in current location. Refer attached sketch.</p> <p>DW suggested that the cost info had been issued and PM agreed to check</p>	
3923	PMI 415	- Additional IPS Sockets	15/06/2015  25/06/2015	<p>The Board request a cost for the installation of 4no. IPS twin socket outlets (medical) in trunking in RCG-071 and 2no. IPS twin sockets on trunking in RCG-069.</p> <p>Please cost RCG-071 as standalone &amp; RCG 069 as complimentary as the former may proceed without the latter but not vice versa.</p> <p>If the quantities exceed capacities on the existing IPS Unit please advise prior to pricing.</p> <p>DW suggested that the cost info had been issued and PM agreed to check</p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015  25/06/2015	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul> <p>DW advised that the cost had been received from Mercury and BMCL have queried the cost</p>	
3925	PMI 417 -	Excavation around existing gas main - Neurosurgery entrance	15/06/2015  25/06/2015	<p>The Board request the provision of quotation for the excavation around existing abandoned Gas Main outwith extension building line. Once excavated cut the pipe and plug with concrete as per discussions with SGN.</p> <p>GA noted that the works had been completed. PM agreed to check Sypro for cost info</p>	
3926	PMI 418 -	Additional investigative excavations - Neurosurgery Entrance	15/06/2015	<p>The Board instruct the additional investigative excavations to confirm the extent of unknown services identified during the pile cap excavations. These services are detailed within the summary report INS Entrance -Trail Pit Photos and Services Clash Report (Dated 27th May 2015).</p>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p>	

				Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.  The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users.  25/06/2015 It was agreed that a separate meeting would take place at 9.30am the following day.	
3936	PMI 420 -	CHILDRENS HOSPITAL - MRI INSTALLATION ADDITIONAL WORKS	17/06/2015  25/06/2015	Amend works set out in PMI 406 as follows. Omit single direction ramp at gradient of 1:12 at change in level outside Neo-natal Unit. Add ramp with top landing 1220x1500mm with ramp 1220mm wide on grade 1:12, ramp to have guard rail to stop trolley falling off edge. Ramp to be constructed from regularised timber and 18mm plywood. FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.	
3937	PMI 421	ADULT HOSPITAL OPD GROUND FLOOR ROOM ORT-014 - WALL BARS	17/06/2015  25/06/2015	Please proceed and fit 2 sets of timber wall bars in room ORT 014. Wall bars are each nominally 2400mm high by 860mm wide and are fixed to the wall with angle brackets provided. Wall bars come flat pack and require to be put together, all fixings supplied. Also provide a finished surface mounted patress top and bottom as per instructions, screw fix pattress to background studs to allow for reasonable load as discussed PMoir/FSHaw/User 17/6/15. make all finishes good.  Refer attached sketch for location. FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015  25/06/2015	Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.  Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.  Proceed and install blinds as discussed a meeting 17 June 2015.  Works not to include provision of finger guards.  23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users. FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30 <sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.	
3960	PMI 423	CHILDRENS HOSPITAL - MEDICINEMA	23/06/2015	Please complete defects to two sets of doors as quickly as possible. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.	

			25/06/2015	<p>Please complete defects to two sets of doors as quickly as possible, these have been on defects list for sometime and as Medicinema coming into use shortly these defects require to be completed. Door manufacturer to confirm integrity of 1 hour fire doors maintained following change of ironmongery to one set of doors and to the other damage to door following replacement of glass panel. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.</p> <p>FS agreed to check out progress to date and provide feedback.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and</p>	

				<p>information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p>	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015	<p>The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.</p>	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015   28/05/2015 11/06/2015	Please proceed with works set out in PMI 373.  PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE DH advised that he would liaise with DR. FS advised that all the works had been completed with the exception of anti-lig knobs which were to be fitted later that day. BMCL were aware that the light switches did not have tamper proof screws. DH suggested that BMCL should try to obtain the tamper proof screws asap. DH agreed to chase DR for a response to the cost information	Cross ref CE 126?
15451	CE 116	ADULT HOSPITAL IMAGING ROOM RAF-080 REMOVAL OF 1 No. STARKSTROM PENDANT	28/05/2015  04/06/2015  11/06/2015	Isolation of services to pendant prior to removal by Starkstrom at no cost, make finishes good.  Agreed cost [REDACTED] incl OH+P but excl. VAT.  DH noted that there had been an issue raised the previous day. Philips have lowered the ceiling by 300mm and there is now 1 sprinkler head which will not reach the ceiling. DW agreed to investigate. PM noted that he had checked the cost build-up and there were no costs included for Starkstrom. It was agreed this CE could be closed. Separate PMI to be issued re sprinkler head – flexi hose proposal does not work.	
15788	CE 132	CHILDRENS HOSPITAL THEATRE DEPT - CARDIAC BY-PASS ROOM THE 052	03/07/2015	Please enlarge doorway to theatre exit lobby from single door to 1 1/2 door to include partition floor and decoration works. Comply with general requirements of PMI 395 but note change of door opening to be enlarged.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
15791	CE 133	CHILDREN'S HOSPITAL EMERGENCY DEPARTMENT - LOCATION OF VIDEO ENTRY SYSTEM	03/07/2015	Please proceed with works under cover of PMI 133 to relocate the video entry system base from OBW-002 to Staff Base in Childrens ED room code EMC 061. Agree new location of unit with users in NCH ED before moving, and agree suitable time.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
15819	CE 134	MRI SUITES - RELOCATION OF DOOR ACCESS PANELS	07/07/2015	Relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms, all as set out in PMI 405.	



				Agreed cost [REDACTED] incl OH+P but excl VAT.	
16009	CE 135	INSTITUTE OF NEUROLOGICAL SCIENCE - OVER CLADDING PROJECT	20/07/2015	Please proceed with the project to over clad the INS Building on campus as per the attached documents	
				Agreed cost [REDACTED] ex VAT. (Design costs sit within CE 067 and 091).	

#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015) GW advised that there had been a meeting with DL. BMCL had been requested to list out all the staff time on the project (04/06/2015) **DH noted that costs have been submitted and are with DL (25/06/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer

diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) **DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) **DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015)**
- Fire stopping reinstatement – It was noted that BMCL had observed instances where the fire stopping had not been re-instated by NHS contractor. BMCL were concerned that they have had Capita and Building Control carrying out above ceiling sign-off and BMCL cannot now guarantee that there may be areas where fire stopping is missing. It was suggested that the NHS should reconsider their contractor works for those who have been on site and for those still to come on site. (26/03/2015) JR has advised NHS that thorough walkround had been done with Capita and Building Control. BMCL should not get involved in this NHS review. DH advised that he had spoken to IP re a couple of different contractors and ensuring that fire stopping is reinstated. DH has also spoken to Group 5 suppliers who had been back on site (02/04/2015) FS noted that level 1 and level 2 have been checked. The ground floor would be checked over that day, 23/04/2015. MCL would need to discuss with Mercury re missing bags. DW advised that BMCL are adamant that there are a few areas that BMCL have not been back in to and suggest that EE may have accessed these areas. PM agreed to liaise with DL. DW noted that BMCL had a couple of instances that an issue with lighting had been discovered and if had been identified that the KNX had been disturbed. FS noted that there had also been instances where the IPS/Spur was found to be off and suggested that a check of the tower could be left for now and there is not much compartmentalization. AF suggested that in a couple of months time that a 2 man squad be tasked with carrying out rechecking. AF suggested that a view of the way forward re rechecking should be taken in 4 weeks time. GW enquired if the NHS could raise a PMI for this item and that the costs could be debated at a later date. PM to provide PMI before closing item. ((30/04/2015) FS advised that levels 1, 2 and 3 had been completed and that he didn't expect that the tower checks would take a lot of time. BMCL would provide marked up drawings asap (07/05/2015) FS advised that BMCL had carried checks up to level 7. Some areas on the ground floor need to be done and these are being carried out at weekend. Check of level 6 identified only 1 bag missing. BMCL would also need to retrospectively check the risers in the tower. (14/05/2015) FS advised that checked were being carried out on level 10 and level 11 would be checked w/c 25/05/2015 (21/05/2015) FS advised that BMCL checks had been completed to level 11 and were now started in the basement. Mercury are replacing any missing bags. A marked up drawing would be provided via Aconex. PMI awaited from NHS (28/05/2015) FS advised that Astins had completed their survey the previous day. Mercury have fire bag drawings and everything had been reinstated. GW advised that there needed to be a discussion re costs and BMCL did not consider these to be BMCL costs (circa [REDACTED] (04/06/2015) FS advised that Mercury have replaced all the missing bags. BMCL would upload all the info to Zutec. GW noted that a PMI and a discussion about the works was required (11/06/2015) **FS advised that all the survey reinstatement works info had been uploaded to Zutec. GW is awaiting a PMI for survey (25/06/2015)**



- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015)
- Nuclear Medicine – It was noted that there was one room in Nuclear Medicine that still had cabinets to be installed and this had been raised with Jordan. FS agreed to liaise with Jordan (04/06/2015) FS advised that the cabinets are due on site on 25/06/2015. There may be an issue obtaining the worktop however. (11/06/2015) FS agreed to check this out (25/06/2015)
- IPS Panel Repairs – FW noted that there was an issue re type of dispenser fitted as they don't cover the existing holes (11/06/2015) It was noted that panels have been coming off the walls – it was suspected that someone maybe pulling open the dispensers to fill them rather than use the buttons on the dispenser to release the front cover. (25/06/2015)
- Tree grilles which are slippery – FS advised that he has written to JWalker who had replied saying that the grilles being slippery were not her experience of them. FS proposed to get JWalker onto site to review the grilles. DH suggested that the grilles could be covered with an anti-slip paint rather than putting up a fence around them (25/05/2015)
- Children's Canopy – FS advised that BMCL have gon back to Fraser with 3 options – 1 solution is a remake of 1 section to have an upstand. (25/05/2015)
- Baby feed signage (PMI 384) – PM noted that there are still a few signs to be changed (25/05/2015)
- Haemato-oncology – DW advised that he had revisited the area the previous night. There is a breaker which keeps tripping out as is rated for the current set-up and not the increased air change set-up. The pentamidine room will never achieve 10 pascal – suggest perhaps 1 or 2 pascal. PM suggested that WW should be asked to comment as this requirement was part of the CoS. DW noted that there is currently negative pressure and that a light fitting would also need to be changed from RO1 to RO2. GB noted that at user group meetings they never changed the ceiling plans. DH suggested that the Users expected the rooms to be as per CoS. DH suggested that the bioguard tiles should be mentioned and that the option of clipping and taping should be looked at. DW noted that the issue is that the AHU serves the full ward.(25/06/2015)
- Schiehallion diffusers – DH noted that these needed to be pushed on and DW advised that he was currently pushing this on and was trying to identify diffuser.(25/06/2015)
- Shower floor finishes selection – FS advised that it was proposed to put a bump in the floor and confirmation as to whether to progress with this was awaited. DH advised that PM and DH have reviewed on site and BMCL should progress (25/06/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 29/07/2015:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	


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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. <b>PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing</p>	



			07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015 25/06/2015	update/design fees. GB noted that collation of the Building Warrants is WIP GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS. FS advised that GB is liaising with Mercury GB advised that this would be progressed once the works completed in the summer GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	22/07/2015    23/07/2015	Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.  The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.  Board to issue PMI/ CE covering the works. FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 29/07/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established. AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS	

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			<p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p>	<p>would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.</p> <p>FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the want then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p>	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	<p>18/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p>	<p>The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.</p> <p>FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.</p> <p>FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.</p> <p>FS advised that on the previous occasion of rain he had investigated and it was thought that it was now</p>	



			<p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p>	<p>identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter. FS noted that a repair had been carried out on Thursday and he understood that there had been water ingress on Saturday. FS would review the roof later that day and proposed to test out using a hose. PM suggested that he would want to be present when the testing was being carried out.</p> <p>FS noted that the sill flashing and extrusion had been redone and no issue had been identified since these works had been carried out.</p> <p>FS advised that he had been up with Vectorfoiltec and they had checked the drainage channel, had tried flooding the drainage channel and no issues were identified. Prater have been back on site to strip and refit the flashes and had put the membrane on. FS had rechecked the leak issue on return from leave and no leak was detected. FS noted that he would recheck on the next wet day. PM suggested that the leak issue was apparent when it was driving rain.</p>	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	<p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p>	<p>The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.</p> <p>DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire &amp; Rescue.</p> <p>FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.</p> <p>FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 29/07/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015  07/05/2015 14/05/2015  21/05/2015  04/06/2015  11/06/2015 25/06/2015	Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31 <sup>st</sup> March 2015, BMCE to take forward. GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31 <sup>st</sup> March completion date is doubtful. GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP. DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased. DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015 DP advised that the design is due to be provided imminently. DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap. PM and DL to discuss/agree the way forward asap. PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly. PM advised that the information is with IP for review. DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately. SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress. GW advised that he had rechecked the costs and he thinks that the costs are correct. DW noted that minimal works have been commenced.	

3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.
			26/02/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.
			05/03/2015	PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .
			12/03/2015	GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.
			19/03/2015	GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.
			02/04/2015	DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.
			30/04/2015	PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.
			14/05/2015	DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.
			21/05/2015	SF to organize meeting
			28/05/2015	Meeting being organized for 04/06/2015
			11/06/2015	GW advised that CE is awaited. Revised costs are on Sypro ([REDACTED]). NHS requested to review asap.
			25/06/2015	DH noted that it is WIP to check back previous documentation.

3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015          14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015  25/06/2015	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p>DW advised that a cost is awaited from Mercury.</p> <p>GW advised that he was checking the costs before providing to the NHS</p> <p>PM advised that he had received the cost and he would need to get confirmation from the Users that they are prepared to cover the cost from their internal budget.</p> <p><b>PM noted that this is WIP to progress with the Users</b></p>	
3757	PMI 395 -	CHILDREN'S HOSPITAL - CARDIAC THEATRE THE-054 DOOR TO BY PASS ROOM	12/05/2015       14/05/2015    21/05/2015 28/05/2015 11/06/2015  25/06/2015	<p>Please enlarge the door opening between rooms THE-054 Cardiac Theatre and THE-052 By Pass Prep Room. The door opening to be enlarged from a single doorset to a 1 1/2 doorset by the introduction of a small blank leaf nom. 380mm wide, fully encapsulated, 1 /2 pairs of hinges, slip bolts, latch keeper and new frame. All as per attached drawings.</p> <p>PM requested that BMCL please fit asap. FS noted that BMCL needed to get the lead work redone/rechecked. BMCL to review what works are required. PM noted that deadline for the work to be completed by.</p> <p>PM advised that he had received a picto-gram and advised BMCL to put back together an NHS will cover the costs. PM to amend note to advise that this item is not being progressed.</p> <p>FS advised that Astins are onsite on 29/05/2015. BMCL have a door set and the door works would be carried out over the weekend. DH advised that he would confirm this with DL.</p> <p>FS advised that the doors are due to arrive on site later that day and he would link with the Theatre Manager to arrange a time to fit – it was thought it was likely to be Friday night.</p> <p><b>FS noted that the decor was to be finished on Saturday. PM agreed to issue a CE. FS advised that he would check that the costs had been put on Sypro.</b></p>	Cross ref CE 132
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015       21/05/2015 28/05/2015 11/06/2015	<p>Please supply and install additional turfing to areas A &amp; B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.</p> <p>In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.</p> <p>PM noted that cost info awaited</p> <p>GW agreed to provide the cost asap</p> <p>PM noted that Land Eng had already planted out 1 area and there was no benefit in ripping the planting back out. Only the 2 small areas require to be priced now.</p>	

			25/06/2015 23/07/2015	PM advised he would provide a CE GW agreed to provide a note of the cost	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015    21/05/2015 28/05/2015 04/06/2015  11/06/2015 25/06/2015  23/07/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p>	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	19/05/2015  21/05/2015 28/05/2015	<p>Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure.</p> <p>GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails.</p> <p>FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works.</p> <p>FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting</p>	

			04/06/2015	clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool It was noted that MMacleod was liaising with Physio for confirmation. It was noted that CE 0117 covered this item. FS advised that he had spoken to MMaCL the previous day who had advised that the stretcher is not suitable (would not pass infection control) and it was suggested that a wheelchair option would be preferable. DH advised that he recalled that there had been an original drawing signed off however after this BMCL had changed their supplier to World Leisure. DH requested that BMCL provide the extra over cost. FS agreed to obtain the cost for the wheelchair and to check if WorldLeisure would take the stretcher back.	
			11/06/2015	FS advised that he had received the quote for the wheelchair adaptor the previous day (circa [REDACTED]). BMCL were awaiting confirmation from World Leisure that they will give credit back for the stretcher.	
			25/06/2015	FS advised that WorldLeisure will not give any credit back for the stretcher so if the NHS want a wheelchair adaptor it would cost a further [REDACTED].	
			23/07/2015	GW noted that the rails are not on the PMI. FS noted that the rails have been completed. GW noted that the cost for the rails is circa [REDACTED]. PM agreed to discuss the rails with MMacleod. GB noted that the rail is some someone in the pool can hold on round the pool.	
3787	PMI 404 -	Installation of power & data within ceiling voids (GW3-036, GW3 - 039 & GW3 - 042)	25/05/2015	The Board request a cost for the installation of power and data within ceiling voids in the following locations - GW3-036, - GW3 - 039 - GW3 - 042 In each location 2 x twin 13A and 1 double data outlets with each twin 13A to be fed via a fused isolation, switch with neon indicator located at high level in the room.	
			28/05/2015	GW advised that AK has been on leave and the cost info would be provided asap. DH suggest will be a couple of months. FS advised that BMCL did not want to be doing works when Yorkhill are moving into the hospitals. DH requested that BMCL look and see if there is sockets there and it just needs longer RJ45 cables. DH requested that BMCL identify any potential disturbance to the room.	
			04/06/2015	DW noted that BMCL may struggle to get Boston back on site but would continue to try.	
			11/06/2015	GW noted that the Mercury cost had been received  (circa 8k). LJamieson is in the process of reviewing the costs. DW advised that he would resend his comments to GW in LJ's absence.	
			25/06/2015	DW noted that BMCL had encountered access difficulties and were proceeding with works as they get access. PM advised that he would speak to the GM for GW3.	
			23/07/2015	Item closed. Costs allocated to PMI 328	
3813	PMI 405 -	Relocation of door access panels - MRI Suites	26/05/2015	The Board request a cost to relocate door access panels at the 2no. ground floor MRI suites (NCH & NSGH) from their existing locations, at reception desks to the respective MRI Control rooms. In the NSGH location please allow for installing 1 no. 'push to exit' button in lieu of 'swipe to exit' on secure side of the door between MRI suite and reception/wait.	Cross ref CE 134
			28/05/2015	DW noted that the CI had been issued to Mercury. Mercury to provide the cost and the timescale.	
			04/06/2015	BMCL will provide costs asap	
			11/06/2015	DH advised that these works were getting urgent (circa [REDACTED]). DW advised that he would resend his comments to GW in LJ's absence.	
			25/06/2015	DW advised that it was hoped to commence on 6 <sup>th</sup> June 2015.	



			23/07/2015	DW agreed to confirm that the works have started. GW noted that CE 134 had been issued for this item. Item to be closed.	
3880	PMI-410	CHILDREN'S HOSPITAL THEATRE DEPT - WC ROOM THE-013 DAMAGED WHB	03/06/2015  11/06/2015  25/06/2015 23/07/2015	Please supply and install new hand rinse whb to replace broken whb. Make all finishes good.  FS noted that the works had been carried out the previous day. GW advised that he would upload the cost asap. PM agreed to check Sypro for cost info PM advised that the cost advised it too expensive and cost needs to be discussed.	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015       25/06/2015 23/07/2015	Please re-configure installed arrangement as follows.  Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC. Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs. Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area. PM advised that he would liaise with JPhillips re doing the works at the weekend. GW advised that BMCL were preparing pricing.	
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	11/06/2015       25/06/2015 23/07/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.  The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.  Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on Sketch B.  To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman). FS advised that he would check this with JMiller FS advised he would check that Magicman had been on site. PM noted that cost was required. GW advised that he had uploaded the cost.	



3922	PMI 414	CHILDREN'S HOSPITAL EMERGENCY DEPT - VIDEO ENTRY SYSTEM	15/06/2015  25/06/2015 23/07/2015	Please provide a cost to relocate ambulance video entry system base from desk in area OBW-062 Staff / Enquiry to Staff Base in Children's ED area code EMC 061. External call point to remain in current location. Refer attached sketch. DW suggested that the cost info had been issued and PM agreed to check <b>It was noted that CE 133 had been issued for this item therefore item to be closed</b>	
3923	PMI 415	- Additional IPS Sockets	15/06/2015  25/06/2015 23/07/2015	The Board request a cost for the installation of 4no. IPS twin socket outlets (medical) in trunking in RCG-071 and 2no. IPS twin sockets on trunking in RCG-069. Please cost RCG-071 as standalone & RCG 069 as complimentary as the former may proceed without the latter but not vice versa. If the quantities exceed capacities on the existing IPS Unit please advise prior to pricing. DW suggested that the cost info had been issued and PM agreed to check	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015  25/06/2015 23/07/2015	Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include; - 2no. 13A Sockets fitted 450mm FFL. - 1no. cold water supply fitted at 300mm FFL - 1no. hot water supply fitted at 300mm FFL - 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections - All connections to kit by others (NHS FM). - Sterilisation of CWS & HWS by BMCE. DW advised that the cost had been received from Mercury and BMCL have queried the cost <b>GW advised that costs had been uploaded to sypro for NHS review</b>	
3925	PMI 417 -	Excavation around existing gas main - Neurosurgery entrance	15/06/2015  25/06/2015 23/07/2015	The Board request the provision of quotation for the excavation around existing abandoned Gas Main outwith extension building line. Once excavated cut the pipe and plug with concrete as per discussions with SGN. GA noted that the works had been completed. PM agreed to check Sypro for cost info <b>GW advised that the costs were to be uploaded by BMCL</b>	
3926	PMI 418 -	Additional investigative excavations - Neurosurgery Entrance	15/06/2015  23/07/2015	The Board instruct the additional investigative excavations to confirm the extent of unknown services identified during the pile cap excavations. These services are detailed within the summary report INS Entrance -Trail Pit Photos and Services Clash Report (Dated 27th May 2015). <b>GW advised that the costs were to be uploaded by BMCL</b>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015	Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A & B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users  Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.  Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.	

			25/06/2015 23/07/2015	<p>The Board are open to alternate solutions that achieve improved barrier free access for unattended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p>	
3936	PMI 420 -	CHILDRENS HOSPITAL - MRI INSTALLATION ADDITIONAL WORKS	17/06/2015  25/06/2015  23/07/2015	<p>Amend works set out in PMI 406 as follows. Omit single direction ramp at gradient of 1:12 at change in level outside Neo-natal Unit. Add ramp with top landing 1220x1500mm with ramp 1220mm wide on grade 1:12, ramp to have guard rail to stop trolley falling off edge. Ramp to be constructed from regularised timber and 18mm plywood.</p> <p>FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.</p> <p>GW advised that costs had been uploaded on 06/07. Works have been completed.</p>	
3937	PMI 421	ADULT HOSPITAL OPD GROUND FLOOR ROOM ORT-014 - WALL BARS	17/06/2015  25/06/2015  23/07/2015	<p>Please proceed and fit 2 sets of timber wall bars in room ORT 014. Wall bars are each nominally 2400mm high by 860mm wide and are fixed to the wall with angle brackets provided. Wall bars come flat pack and require to be put together, all fixings supplied. Also provide a finished surface mounted patress top and bottom as per instructions, screw fix pattress to background studs to allow for reasonable load as discussed PMoir/FSHaw/User 17/6/15. make all finishes good.</p> <p>Refer attached sketch for location.</p> <p>FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.</p> <p>GW advised that costs had been uploaded on 16/07 for NHS review and provision of CE</p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015    25/06/2015	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the</p>	

			23/07/2015	balancing. FS advised that the operatives are back on site on 27 <sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015	
3960	PMI 423	CHILDRENS HOSPITAL - MEDICINEMA	23/06/2015  25/06/2015 23/07/2015	<p>Please complete defects to two sets of doors as quickly as possible. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.</p> <p>Please complete defects to two sets of doors as quickly as possible, these have been on defects list for sometime and as Medicinema coming into use shortly these defects require to be completed. Door manufacturer to confirm integrity of 1 hour fire doors maintained following change of ironmongery to one set of doors and to the other damage to door following replacement of glass panel. Please attend site and commission two sets of automatic doors installed by BM through the contract, all connections have been made, push plates now installed but operating gear needs commissioned.</p> <p>FS agreed to check out progress to date and provide feedback. FS advised that the works have been done. Item closed.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>• 10-12 air changes hour</i></li> <li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li> <li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	



				Refer attached sketch.	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015	The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p><b>23/07/2015</b> <b>GB advised that BMCL would put an instruction to Land Eng.</b></p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location.</p>	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015	<p>Please proceed with works set out in PMI 373.</p> <p>PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&amp;B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about</p>	Cross ref CE 126?

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			28/05/2015 11/06/2015	<p>doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE</p> <p>DH advised that he would liaise with DR.</p> <p>FS advised that all the works had been completed with the exception of anti-lig knobs which were to be fitted later that day. BMCL were aware that the light switches did not have tamper proof screws. DH suggested that BMCL should try to obtain the tamper proof screws asap. DH agreed to chase DR for a response to the cost information</p>	
15451	CE 116	ADULT HOSPITAL IMAGING ROOM RAF-080 REMOVAL OF 1 No. STARKSTROM PENDANT	28/05/2015  04/06/2015  11/06/2015	<p>Isolation of services to pendant prior to removal by Starkstrom at no cost, make finishes good.</p> <p>Agreed cost [REDACTED] incl OH+P but excl. VAT.</p> <p>DH noted that there had been an issue raised the previous day. Philips have lowered the ceiling by 300mm and there is now 1 sprinkler head which will not reach the ceiling. DW agreed to investigate. PM noted that he had checked the cost build-up and there were no costs included for Starkstrom.</p> <p>It was agreed this CE could be closed. Separate PMI to be issued re sprinkler head – flexi hose proposal does not work.</p>	29/072015
15788	CE 132	CHILDRENS HOSPITAL THEATRE DEPT - CARDIAC BY-PASS ROOM THE 052	03/07/2015	<p>Please enlarge doorway to theatre exit lobby from single door to 1 1/2 door to include partition floor and decoration works. Comply with general requirements of PMI 395 but note change of door opening to be enlarged.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	29/072015
15791	CE 133	CHILDREN'S HOSPITAL EMERGENCY DEPARTMENT - LOCATION OF VIDEO ENTRY SYSTEM	03/07/2015	<p>Please proceed with works under cover of PMI 133 to relocate the video entry system base from OBW-002 to Staff Base in Childrens ED room code EMC 061. Agree new location of unit with users in NCH ED before moving, and agree suitable time.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	29/072015
15819	CE 134	MRI SUITES - RELOCATION OF DOOR ACCESS PANELS	07/07/2015	<p>Relocate door access panels at the 2no. ground floor MRI suites (NCH &amp; NSGH) from their existing locations, at reception desks to the respective MRI Control rooms, all as set out in PMI 405.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	29/072015
16009	CE 135	INSTITUTE OF NEUROLOGICAL SCIENCE - OVER CLADDING PROJECT	20/07/2015	<p>Please proceed with the project to over clad the INS Building on campus as per the attached documents</p> <p>Agreed cost [REDACTED] ex VAT. (Design costs sit within CE 067 and 091).</p>	29/072015



- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015) GW advised that there had been a meeting with DL. BMCL had been requested to list out all the staff time on the project (04/06/2015) DH noted that costs have been submitted and are with DL (25/06/2015) **DH noted that the costs are with DL, DL will be asked to confirm (23/07/2015)**
- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) **DW advised that the panel is due to be delivered before the end of the current week (23/07/2015)**



- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) **DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) **GB advised that the survey report is awaited (25/06/2015)**
- Nuclear Medicine – It was noted that there was one room in Nuclear Medicine that still had cabinets to be installed and this had been raised with Jordan. FS agreed to liaise with Jordan (04/06/2015) FS advised that the cabinets are due on site on 25/06/2015. There may be an issue obtaining the worktop however. (11/06/2015) FS agreed to check this out (25/06/2015) **FS advised that JTC are due back on site on 27/07/2015 (23/07/2015)**
- Children's Canopy – FS advised that BMCL have gon back to Fraser with 3 options – 1 solution is a remake of 1 section to have an upstand. (25/05/2015) **FS advised that Fraser Gray have advised optimal solution. Previous gutter was extended beyond the glass and was changed. The glass could be tilted up however there would be a charge for this (23/07/2015)**
- Baby feed signage (PMI 384) – PM noted that there are still a few signs to be changed (25/05/2015) **FS advised that he would check that the signs have been changed (23/07/2015)**
- Shower floor finishes selection – FS advised that it was proposed to put a bump in the floor and confirmation as to whether to progress with this was awaited. DH advised that PM and DH have reviewed on site and BMCL should progress (25/06/2015)
- Mop wash (wiring to gas solenoid valves taken out) – IP has requested that the wiring be connected. PM requested that DW provide sufficient info to enable PM to provide a PMI (23/07/2015)
- Energy Centre works – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015)
- Structal Blinds – BMCL to raise an EW regarding this

- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015)
- Theatre/Blinds/Doors – it was noted that the laser blinds are being picked up by the sensor so the doors won't shut – the doors have now been switched off.
- NCH - Rooms requiring white rock - BMCL noted that there is 2 rooms where it is not possible to fit white rock and that the beds would need to be removed – PM suggested that BMCL could use a larger section of white rock and slide it into the gap (23/07/2015)
- Schindler lift maintenance – GW advised that BMCL had received bills from Schindler for items outwith the scope of the maintenance contract – BMCL did not have any information as to why the NHS had called out an engineer and that there needed to be a process of informing BMCL put in place. DH advised that contractually the NHS only have a way to pay through the contract. GW accepted this to be the case however there was concern that the maintenance contract is between the BMCL and Schindler for 2 years. DH suggested that it may be possible for the NHS to set-up a call out contract for non maintenance call outs – this would need to be investigated. GW advised that as a minimum there needed to be a process for logging any call-outs. (23/07/2015)
- INS Linkbridge – PM noted that he had seen an email from Susan Walker. GA advised that it had been planned to remove the barriers however this had not been done as a VLAN for the access control was required. PM advised that he would liaise with FCarnie (23/07/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 05/08/2015:



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	

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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. <b>PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the</p>	

			<p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>30/07/2015</p>	<p>Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>GB noted that collation of the Building Warrants is WIP</p> <p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>FS advised that GB is liaising with Mercury</p> <p>GB advised that this would be progressed once the works completed in the summer</p> <p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Strucal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	18/05/2015  21/05/2015  28/05/2015  04/06/2015  11/06/2015  25/06/2015  23/07/2015  30/07/2015	<p>The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.</p> <p>FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.</p> <p>FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.</p> <p>FS advised that on the previous occasion of rain he had investigated and it was thought that it was now identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter.</p> <p>FS noted that a repair had been carried out on Thursday and he understood that there had been water ingress on Saturday. FS would review the roof later that day and proposed to test out using a hose. PM suggested that he would want to be present when the testing was being carried out.</p> <p>FS noted that the sill flashing and extrusion had been redone and no issue had been identified since these works had been carried out.</p> <p>FS advised that he had been up with Vectorfoiltex and they had checked the drainage channel, had tried flooding the drainage channel and no issues were identified. Prater have been back on site to strip and refit the flashes and had put the membrane on. FS had rechecked the leak issue on return from leave and no leak was detected. FS noted that he would recheck on the next wet day. PM suggested that the leak issue was apparent when it was driving rain.</p> <p>FS advised that he had been checking everyday for any sign of a leak and no evidence of water ingress had been witnessed. FS would continue to monitor for signs of any water ingress.</p>	



25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.
			11/06/2015	DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.
			25/06/2015	FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.
			23/07/2015	FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.
			30/07/2015	FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing.

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 05/08/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015  07/05/2015 14/05/2015  21/05/2015  04/06/2015  11/06/2015 25/06/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>DW noted that minimal works have been commenced.</p>	

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3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.
			26/02/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.
			05/03/2015	PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .
			12/03/2015	GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.
			19/03/2015	GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.
			02/04/2015	DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.
			30/04/2015	PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.
			14/05/2015	DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.
			21/05/2015	SF to organize meeting
			28/05/2015	Meeting being organized for 04/06/2015
			11/06/2015	GW advised that CE is awaited. Revised costs are on Sypro ([REDACTED]). NHS requested to review asap.
			25/06/2015	DH noted that it is WIP to check back previous documentation.
			30/07/2015	GW advised that further information was being identified.

3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015          14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015  25/06/2015 30/07/2015	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p>DW advised that a cost is awaited from Mercury.</p> <p>GW advised that he was checking the costs before providing to the NHS</p> <p>PM advised that he had received the cost and he would need to get confirmation from the Users that they are prepared to cover the cost from their internal budget.</p> <p>PM noted that this is WIP to progress with the Users</p> <p>PM noted Users to confirm way forward – PMI on hold</p>	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015       21/05/2015 28/05/2015 11/06/2015  25/06/2015 23/07/2015 30/07/2015	<p>Please supply and install additional turfing to areas A &amp; B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.</p> <p>In both locations, trees and shrubs already planted are to be left in position and the turf should be laid close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.</p> <p>PM noted that cost info awaited</p> <p>GW agreed to provide the cost asap</p> <p>PM noted that Land Eng had already planted out 1 area and there was no benefit in ripping the planting back out. Only the 2 small areas require to be priced now.</p> <p>PM advised he would provide a CE</p> <p>GW agreed to provide a note of the cost</p> <p>PM agreed to provide a CE for this item</p>	Cross ref CE141
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width</p>	

			<p>21/05/2015 28/05/2015 04/06/2015</p> <p>11/06/2015 25/06/2015 23/07/2015 30/07/2015</p>	<p>between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p>	
3780	PMI 401	CHILDREN'S HOSPITAL HYDROTHERAPY POOL - 2 SETS OF STEPS	<p>19/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015</p>	<p>Please proceed and remove two sets of handrails at current location and provide free standing stainless steel 'ladder style' steps with hooped top rail fixed to pool surround. All as discussed and agreed with user group. Refer to attached picture but note base of ladder to sit on rubber sucker type feet. Steps to be rigid fix and secure.</p> <p>GW advised that the cost had been uploaded the previous day. FS noted that he had been advised that the treads are too far apart. It was noted that MMac had confirmed that 2 rails.</p> <p>FS noted that the correct steps had been organised. FS noted that there is still a debate re the sling and size of seat. BMCL need to know if it is an 18inch or 22inch seat – there is a 2 week order date. DH suggested that this should wait until PM returned from leave. GW requested that a CE be provided for the steps works.</p> <p>FS noted that there had been a comment that the stretcher is not fit for purpose. Awaiting clarification of what stretcher is required. FS noted that World Leisure have supplied everything in and around the pool. It was noted that MMacleod was liaising with Physio for confirmation.</p> <p>It was noted that CE 0117 covered this item. FS advised that he had spoken to MMaCl the previous day who had advised that the stretcher is not suitable (would not pass infection control) and it was suggested that a wheelchair option would be preferable. DH advised that he recalled that there had been an original drawing signed off however after this BMCL had changed their supplier to World Leisure. DH requested that BMCL provide the extra over cost. FS agreed to obtain the cost for the wheelchair and to check if WorldLeisure would take the stretcher back.</p> <p>FS advised that he had received the quote for the wheelchair adaptor the previous day (circa [REDACTED]). BMCL were awaiting confirmation from World Leisure that they will give credit back for the stretcher.</p>	

			25/06/2015 23/07/2015 30/07/2015	FS advised that WorldLeisure will not give any credit back for the stretcher so if the NHS want a wheelchair adaptor it would cost a further [REDACTED]. GW noted that the rails are not on the PMI. FS noted that the rails have been completed. GW noted that the cost for the rails is circa [REDACTED]. PM agreed to discuss the rails with MMacleod. GB noted that the rail is some someone in the pool can hold on round the pool. <i>It was suggested that this PMI could be closed as it is only the install of the grab rail to be concluded. GB advised that there was never any grab rails included in drawings. It was noted that MMacleod had requested that grab rail. FS agreed to check through correspondence. It was agreed this item could be closed.</i>	
3880	PMI-410	CHILDREN'S HOSPITAL THEATRE DEPT - WC ROOM THE-013 DAMAGED WHB	03/06/2015 11/06/2015 25/06/2015 23/07/2015	Please supply and install new hand rinse whb to replace broken whb. Make all finishes good.  FS noted that the works had been carried out the previous day. GW advised that he would upload the cost asap. PM agreed to check Sypro for cost info <i>PM advised that the cost advised it too expensive and cost needs to be discussed.</i>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015      25/06/2015 23/07/2015 30/07/2015	Please re-configure installed arrangement as follows.  Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC. Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs. Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area. PM advised that he would liaise with JPhillips re doing the works at the weekend. GW advised that BMCL were preparing pricing. <i>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</i>	
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	11/06/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.  The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.  Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on Sketch B.  To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and	

			25/06/2015 23/07/2015  30/07/2015	Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman). FS advised that he would check this with JMiller FS advised he would check that Magicman had been on site. PM noted that cost was required. GW advised that he had uploaded the cost.  FS noted that he had spoken to Martin Muirhead the previous day who had advised that he is still trying to get magicman on site. No further update was available at this time.	
3923	PMI 415	- Additional IPS Sockets	15/06/2015   25/06/2015 30/07/2015	The Board request a cost for the installation of 4no. IPS twin socket outlets (medical) in trunking in RCG-071 and 2no. IPS twin sockets on trunking in RCG-069. Please cost RCG-071 as standalone & RCG 069 as complimentary as the former may proceed without the latter but not vice versa. If the quantities exceed capacities on the existing IPS Unit please advise prior to pricing. DW suggested that the cost info had been issued and PM agreed to check DH advised that the NHS would want to proceed with RCG 071 only – RCG 069 no longer required. Costs to be reviewed.	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015   25/06/2015 23/07/2015 30/07/2015	Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include; - 2no. 13A Sockets fitted 450mm FFL. - 1no. cold water supply fitted at 300mm FFL - 1no. hot water supply fitted at 300mm FFL - 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections - All connections to kit by others (NHS FM). - Sterilisation of CWS & HWS by BMCE. DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review It was noted that this item is on hold for now	
3925	PMI 417 -	Excavation around existing gas main - Neurosurgery entrance	15/06/2015  25/06/2015 23/07/2015 30/07/2015	The Board request the provision of quotation for the excavation around existing abandoned Gas Main outwith extension building line. Once excavated cut the pipe and plug with concrete as per discussions with SGN. GA noted that the works had been completed. PM agreed to check Sypro for cost info GW advised that the costs were to be uploaded by BMCL It was agreed this item could be closed. Costs included in PMI 418.	
3926	PMI 418 -	Additional investigative excavations - Neurosurgery Entrance	15/06/2015  23/07/2015 30/07/2015	The Board instruct the additional investigative excavations to confirm the extent of unknown services identified during the pile cap excavations. These services are detailed within the summary report INS Entrance -Trail Pit Photos and Services Clash Report (Dated 27th May 2015). GW advised that the costs were to be uploaded by BMCL PM advised that he would issue a CE later that day (circa [REDACTED])	Cross Ref CE 137.



3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015      25/06/2015 23/07/2015  30/07/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p><b>GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</b></p>	
3936	PMI 420 -	CHILDRENS HOSPITAL - MRI INSTALLATION ADDITIONAL WORKS	17/06/2015   25/06/2015  23/07/2015 30/07/2015	<p>Amend works set out in PMI 406 as follows. Omit single direction ramp at gradient of 1:12 at change in level outside Neo-natal Unit. Add ramp with top landing 1220x1500mm with ramp 1220mm wide on grade 1:12, ramp to have guard rail to stop trolley falling off edge. Ramp to be constructed from regularised timber and 18mm plywood.</p> <p>FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.</p> <p>GW advised that costs had been uploaded on 06/07. Works have been completed.</p> <p><b>PM advised that he would provide a CE asap.</b></p>	Cross ref CE 138
3937	PMI 421	ADULT HOSPITAL OPD GROUND FLOOR ROOM ORT-014 - WALL BARS	17/06/2015   25/06/2015  23/07/2015 30/07/2015	<p>Please proceed and fit 2 sets of timber wall bars in room ORT 014. Wall bars are each nominally 2400mm high by 860mm wide and are fixed to the wall with angle brackets provided. Wall bars come flat pack and require to be put together, all fixings supplied. Also provide a finished surface mounted patress top and bottom as per instructions, screw fix pattress to background studs to allow for reasonable load as discussed PMoir/FSHaw/User 17/6/15. make all finishes good.</p> <p>Refer attached sketch for location.</p> <p>FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.</p> <p>GW advised that costs had been uploaded on 16/07 for NHS review and provision of CE</p> <p><b>PM advised that he would provide a CE asap</b></p>	Cross Ref CE 136
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p>	

			<p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>25/06/2015 FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.</p> <p>23/07/2015 FS advised that the operatives are back on site on 27<sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015</p> <p>30/07/2015 <b>PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded</b></p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015 Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p>Please organise an preliminary meeting with design team and Board to establish scope in more detail.</p>	

			23/07/2015	(Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)	
			30/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p> <p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p>	
			23/07/2015	<p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p>	
			30/07/2015	<p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal.</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUIH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p>	

				<p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p> <p>30/07/2015 GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p>	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	<p>20/07/2015</p> <p>30/07/2015</p>	<p>The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.</p> <p>DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.</p>	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	<p>21/07/2015</p> <p>23/07/2015 30/07/2015</p>	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals</p>	

			30/07/2015	for 5 minutes, alarm can sound at room or at a central location. DW noted that there is a lot of design work involved in this PMI and DW would provide info re programme impacts the following day.	
4201	PMI 431 -	ADDITIONAL IPS SOCKETS ROOM RCG-071	30/07/2015	Please proceed with works as set out and costed in PMI-415, but to room RCG-071 only, confirm no works to be undertaken in room RCG-069. Cost agreed with Grant Wallace on 30th July 2015 as [REDACTED] incl OHP but excluding VAT.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
15222	CE 109	CHILDREN'S HOSPITAL - DCFP ANTI LIGATURE WORKS	14/05/2015  21/05/2015  28/05/2015 11/06/2015  30/07/2015	Please proceed with works set out in PMI 373.  PM advised that he had looked at the door with Hugh and advised Hugh to progress. The rest of the kit in the room is ready to be progressed. C&B Had been asked to look at a couple of the prices in the cost info. GW advised that he had gone back to Andy and the Static and Crawford sub-contractor costs. GW would get these uploaded to Sypro asap. BMCL had concern about doing the work as at risk of not having a confirmed cost. FS noted that as BMCL did not know the final sink type then it had now become apparent that the IPS would need to be changed, floor will need repaired, ect. PM agreed to review on site. DW advised that there is now an issue re relocation of TRV – BMCL are trying to identify a solution - TRV is not anti-lig. Alternative would be to remove the TRV/isolate and remove the radiant panel. PMI to be discussed under CE DH advised that he would liaise with DR. FS advised that all the works had been completed with the exception of anti-lig knobs which were to be fitted later that day. BMCL were aware that the light switches did not have tamper proof screws. DH suggested that BMCL should try to obtain the tamper proof screws asap. DH agreed to chase DR for a response to the cost information It was noted that this CE was to have 'zero' value input as CE 126 covers this item.	Cross ref CE 126
16153	CE 136	ADULT HOSPITAL OUTPATIENT DEPT LEVEL 0 - ROOM ORT-014	30/07/2015	Install Group 3 wall bars in gym as supplied by NHS Board. Charge to Gp 3 equipment list.	
16156	CE 137	INSTITUTE OF NEUROSCIENCES - NEW ENTRANCE ADDITIONAL SITE INVESTIGATIONS	30/07/2015	The Board confirm the works instructed under PMI 417 & 418 to undertake additional site investigations to establish location, confirm if live, and terminate water, gas and drainage services not located as part of original Board commissioned site investigation and enabling works. Agreed cost [REDACTED] incl. of OH+P but excl VAT.	
16158	CE 138	CHILDRENS HOSPITAL L1 - INSTALL OF TRANSFER GROUP 5 EQUIPMENT (MRI)	30/07/2015	Proceed and provide sundry ramps and ballustrading as per PMI 420 and PMI 406.  Agreed cost [REDACTED] incl OH+P but ex VAT.	
16206	CE 139	TRANSITIONAL MANAGEMENT SUPPORT DURING BOARD COMMISSIONING PERIOD	04/08/2015	The Board confirms agreement to costs arising from the continued management and support from Brookfield Multiplex throughout the commissioning and migration period to bring the buildings into full operation, in particular, transitional support to manage and maintain the Building Services systems and the extended management support in connection with disruption to commencement	

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				<p>of INS Entrance.</p> <p>The agreement covers costs incurred by Brookfield Multiplex and their supply chain for the period from completion to the 31st July 2015.</p> <p>This agreement brings to an end all additional ongoing transitional support.</p> <p>Agreed gross cost [REDACTED]</p>	
16207	CE 140	CHILDRENS HOSPITAL THEATRE DEPARTMENT REPLACEMENT WHB	04/08/2015	<p>Board confirm acceptance of costs to replace damaged hand rinse basin in room THE-013.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	
16208	CE 141	EXTERNAL WORKS - ADDITIONAL GRASS TURFING ADJACENT TO CAR PARK 1	04/08/2015	<p>The Board confirm works provided under PMI 399 for two areas of turfing adjacent to the existing car park.</p> <p>Agreed cost [REDACTED] incl OH+P but excluding VAT.</p>	

#### Other items that require discussion:

- Soft landing costs – GW advised this is work in progress to colour code. GW have given indicative cost and will provide an explanation of the costs w/c 01/12/2014 (27/11/2014) AF advised that GW has given DL the cost. Mercury costs still to be advised. Feedback awaited from DL (04/12/2014) DP advised that he would liaise with AF for an update (11/12/2014) This matter will be progressed at the meeting taking place at 2pm on 08/01/2015 (08/01/2015) AF advised that costs are being identified. AF had spoken to KC and IP. IP had suggested some other items. The IP requested items would be identified separately when BMCL provide the costs to NHS for review (15/01/2015) DL noted that these were still awaited. AF advised that soft landing costs were to be discussed with EMcl so that costs could be provided from Mercury (22/01/2015) AF advised that the Mercury cost had been provided to BMCL however BMCL want to discuss this with Mercury prior to providing to the NHS (29/01/2015) GW advised that JB and DW have gone through the Mercury costs with DP. BMCL will have an internal discussion before meet with NHS. Cost will be provided to the NHS early w/c 09/02/2015 (05/02/2015) AF advised that a meeting to discuss the costs had been arranged for 3pm later that day. (12/02/2015). Meeting 19/02/2015 to discuss. (19/02/2015). It was noted that DL and AF are having discussions. DP advised that BMCL were trying to give a spread therefore need to know quickly so can retain Mercury resource on site. IP and DP have gone through the list. GW noted that BMCL still have staff costs to be covered as BMCL are doing the principal contractor role, RAMS, inductions, additional security, beneficial use lift staffing, etc. PM agreed to discuss with DL (05/03/2015) DP advised that BMCL have a timing concern and getting the paperwork in place. Workload does not justify the Mercury resource previously identified. BMCL had advised Schindler that all lifts to be re-commissioned by 17<sup>th</sup> April 2015. KC had been advised that the beneficial use lifts would be taken off use at end of March. BMCL have a proposal regarding the lifts, confirmation awaited from Schindler. Programme will initially be discussed with DH. (12/03/2015) GW noted that a decision from DL was required very soon. DP noted that timing now is getting close to being unable to have the admin put in place. DP reported that he had spoken to KC re taking down the beneficial lifts on 3<sup>rd</sup> April and these will be handed back on 7<sup>th</sup> April 2015. (26/03/2015) PM noted that DP had advised that in a place to take forward. Advised that in previous discussions with AF that AF was to have a rethink about the management cost element (02/04/2015) GW advised that he had spoken with DL and DL had confirmed that he would organize a meeting. AF requested that SF checks with AHirst if meeting is being arranged (30/04/2015) It was noted that a meeting is being organized (14/05/2015) It was noted that a meeting had been arranged to take place on 29/05/2015 (28/05/2015) GW advised that there had been a meeting with DL. BMCL had been requested to list out all the staff time on the project (04/06/2015) DH noted that costs have been submitted and are with DL (25/06/2015) DH noted that the costs are with DL, DL will be asked to confirm (23/07/2015) **PM advised that he had spoken to DL about this item. GW advised that if BMCL do not get acceptance soon then BMCL would be tempted to say that BMCL will do no further work. This item has been ongoing since November 2014. DH agreed to discuss with DR. (30/07/2015)**



- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) **DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) **DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey



report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015)

- Children's Canopy – FS advised that BMCL have gone back to Fraser with 3 options – 1 solution is a remake of 1 section to have an upstand. (25/05/2015) FS advised that Fraser Gray have advised optimal solution. Previous gutter was extended beyond the glass and was changed. The glass could be tilted up however there would be a charge for this (23/07/2015) FS advised that Gray & Dick has been instructed to jack up the glass. GW suggested that it was Jim Murray who had removed the gutter. (30/07/2015)
- Mop wash (wiring to gas solenoid valves taken out) – IP has requested that the wiring be connected. PM requested that DW provide sufficient info to enable PM to provide a PMI (23/07/2015) It was agreed that PM would issue an PMI for the solenoid valve. GB advised that BMCL were struggling to get the wall make-up information from BMJ and this was holding up progressing the lintel design. PM agreed to send RDeb an email to request the info be provided asap. (30/07/2015)
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015)
- Structural Blinds – BMCL to raise an EW regarding this
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015)
- NCH - Rooms requiring white rock - BMCL noted that there is 2 rooms where it is not possible to fit white rock and that the beds would need to be removed – PM suggested that BMCL could use a larger section of white rock and slide it into the gap (23/07/2015)
- Schindler lift maintenance – GW advised that BMCL had received bills from Schindler for items outwith the scope of the maintenance contract – BMCL did not have any information as to why the NHS had called out an engineer and that there needed to be a process of informing BMCL put in place. DH advised that contractually the NHS only have a way to pay through the contract. GW accepted this to be the case however there was concern that the maintenance contract is between the BMCL and Schindler for 2 years. DH suggested that it may be possible for the NHS to set-up a call out contract for non maintenance call outs – this would need to be investigated. GW advised that as a minimum there needed to be a process for logging any call-outs. (23/07/2015) PM advised that he would discuss this matter with A Gallagher on 03/08/2015 (30/07/2015)
- INS Linkbridge – PM noted that he had seen an email from Susan Walker. GA advised that it had been planned to remove the barriers however this had not been done as a VLAN for the access control was required. PM advised that he would liaise with FCarnie (23/07/2015) PM noted that BMCL are awaiting the NHS installing a data link in order that BMCL can complete their swipe card works. (30/07/2015)
- Ward 4B – ward permeability tests – It was noted that PM would check with Gary Jenkins if these were wanted. PM enquired about the cost. DW suggested would potentially be [REDACTED]. (30/07/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 12/08/2015:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 12/06/2016:


<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. <b>GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get</p>	

			<p>23/4/2015 approval and the design process does not get delayed. FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>30/04/2015 GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>07/05/2015 GB noted that collation of the Building Warrants is WIP</p> <p>14/05/2015 GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>21/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015 Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>23/07/2015 Board to issue PMI/ CE covering the works. FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>30/07/2015 PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>05/08/2015 GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is</p>	

				based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.	
26405	BMCL-EWN-160	Delays to piling at VIE2	10/08/2015	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 12/08/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p>	

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			<p>28/05/2015 04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p>	<p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.</p> <p>FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p> <p>FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11<sup>th</sup> and 4<sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
25234	NHS EW 058	CHILDRENS HOSPITAL ETFE ROOF - CORE K	<p>18/05/2015</p> <p>21/05/2015</p> <p>28/05/2015</p>	<p>The leak in the ETFE roof has been ongoing since 2014. This leak has been recorded as a defect through the Capita defect reporting system. Today's rainfall again confirmed that the source of the leak has not been fixed and the Board require this matter to receive BMCE urgent attention. Occupation of the Children's Hospital is only 2 weeks away, this defect must be rectified in short term to ensure there is no water ingress post occupation. BMCE are to arrange a meeting on site with the Project Manager and prepare and submit a plan of works by 12 noon Friday 22nd May 2015.</p> <p>FS advised that he had been assured that the leak had been resolved – it is an issue with the Fatra + the tail up underneath the cladding panel.</p> <p>FS advised that the repair work had been carried out the previous Thursday. Prater have confirmed that</p>	06/08/2015



			<p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p>	<p>the repair is a permanent repair. FS proposed to check that the repair had worked as there had been heavy rain the previous evening.</p> <p>FS advised that on the previous occasion of rain he had investigated and it was thought that it was now identified where the rain is coming in. PM noted that he would raise an EW regarding the hot wire matter.</p> <p>FS noted that a repair had been carried out on Thursday and he understood that there had been water ingress on Saturday. FS would review the roof later that day and proposed to test out using a hose. PM suggested that he would want to be present when the testing was being carried out.</p> <p>FS noted that the sill flashing and extrusion had been redone and no issue had been identified since these works had been carried out.</p> <p>FS advised that he had been up with Vectorfoiltec and they had checked the drainage channel, had tried flooding the drainage channel and no issues were identified. Prater have been back on site to strip and refit the flashes and had put the membrane on. FS had rechecked the leak issue on return from leave and no leak was detected. FS noted that he would recheck on the next wet day. PM suggested that the leak issue was apparent when it was driving rain.</p> <p>FS advised that he had been checking everyday for any sign of a leak and no evidence of water ingress had been witnessed. FS would continue to monitor for signs of any water ingress.</p> <p>FS advised that there were no further signs of water ingress and it is thought that it may be a particular issue relating to wind direction. PM suggested that the EW could be closed out however water ingress should continue to be monitored.</p>	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	<p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p>	<p>The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.</p> <p>DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire &amp; Rescue.</p> <p>FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.</p> <p>FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.</p> <p>FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the</p>	



			06/08/2015	weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing. FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.	
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# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 12/08/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	<p>16/02/2015</p> <p>19/02.2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>22/04/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p> <p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>06/08/2015</p>	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>DW noted that minimal works have been commenced.</p> <p>DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).</p>	

3405	PMI 348	NEW HOSPITALS - TELEPHONE LINES	19/02/2015	The Board require the undernoted quantity of telephone lines. The Board confirm the requirement for 900 (pairs) copper back-up lines connected to Node 12 at the rear of the Central Medical Block via existing ductwork. The exact ductwork route and length and any intermediate distribution frame will be confirmed by close of play 20th February 2015.	06/08/2015
			26/02/2015	GW advised that cost information is expected the following day. The route had now been agreed. GW noted that the agreed route is now longer.	
			05/03/2015	PM noted that the cost had been provided the previous day. DH noted that the Board and BMCL needed to agree the "base number" i.e. 600 or 900 lines as was to be for 10% of the lines GW noted that he was being advised that you do not count for mobiles and that Mercury are adamant that they only ever included for 300. Mercury would not go ahead with the work until they receive certainty that they will get paid for the 900 lines. BMCL cannot instruct the works until the baseline number has been agreed. DH and DR to discuss. .	
			12/03/2015	GW advised that he would instruct the works. AF and GW to discuss. Instruction will be raised to Mercury so that the works will be undertaken so as not to impact on the programme however BMCL position re the number of 'additional' lines is unchanged and discussion/agreement with NHS re number of lines is required.	
			19/03/2015	GW advised that a CE had been issued to Mercury. DH acknowledged that this matter re baseline no. of lines needed to be concluded. DH requested that BMCL provide a delivery date for when the lines are going in so that he can provide feedback to the telecoms reps.	
			26/03/2015	PM advised that he proposed to issue a CE for 300 lines in order not to delay any works. PM noted that the remainder of the lines needed to be debated. DP advised that he understood the works had commenced the previous day. GW suggested that this matter needed to be bottomed out before the end of April 2015. It was agreed that a meeting to discuss the 'extra' lines should be organized in due course.	
			02/04/2015	DP advised that the lines should have been installed and tested the previous night. DH enquired if Dennis knew this had taken place and it was agreed to check this out. GW advised that he would want the BMCL/NHS discussion re the 300 to 900/600 to 900 lines prior to the NHS issuing any CE. GW requested that a meeting be arranged w/c 06/04/2015.	
			22/04/2015	PM suggested that he could provide a CE for [REDACTED] in the interim whilst the baseline discussions were to be concluded.	
			30/04/2015	PM noted that CE 095 had been for the additional 300 lines. Baseline discussion to be organized.	
			14/05/2015	DH enquired if a meeting was being arranged to discuss the baseline number of lines and SF agreed to check.	
			21/05/2015	SF to organize meeting	
			28/05/2015	Meeting being organized for 04/06/2015	
			11/06/2015	GW advised that CE is awaited. Revised costs are on Sypro ([REDACTED]). NHS requested to review asap.	
			25/06/2015	DH noted that it is WIP to check back previous documentation.	
			30/07/2015	GW advised that further information was being identified.	
			06/08/2015	GW advised that BMCL were no longer pursuing this item therefore the item could be closed. .	

3753	PMI 393 -	ADULT HOSPITAL CRITICAL CARE - ADDITIONAL DOOR ENTRY BUZZERS & SWIPE CARD ENTRY	12/05/2015          14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015  25/06/2015 30/07/2015 06/08/2015	<p>Please provide a cost to install the additional access infrastructure as detail on the attached drawing.</p> <p>Please provide a costs to extend the existing door entry system in three locations as shown on the attached drawing, system to have same functionality in all locations.</p> <p>Also in two locations provide swipe card door entry functionality to two doorsets, again as shown on the attached drawing.</p> <p>With the cost please provide a timescale to order materials and complete the installation.</p> <p>DW advised that Mercury are currently pricing.</p> <p>GW noted that this item was currently being priced</p> <p>DW advised that a cost is awaited from Mercury.</p> <p>GW advised that he was checking the costs before providing to the NHS</p> <p>PM advised that he had received the cost and he would need to get confirmation from the Users that they are prepared to cover the cost from their internal budget.</p> <p>PM noted that this is WIP to progress with the Users</p> <p>PM noted Users to confirm way forward – PMI on hold</p> <p>PM advised this item should be closed as NHS not pursuing this change at moment. .</p>	
3772	PMI 399	EXTERNAL WORKS - ADDITIONAL TURFING	14/05/2015       21/05/2015 28/05/2015 11/06/2015  25/06/2015 23/07/2015 30/07/2015 06/08/2015	<p>Please supply and install additional turfing to areas A &amp; B indicated on attached drawing titled 'turfing at CP1'. Also please provide a cost for turfing the area indicated on the attached drawing titled Sketch 15000.</p> <p>In both locations, trees and shrubs already planted are to be left in position and the turf should be layed close to their base defined by a ring of bark mulch. Works to be complete by end of June latest.</p> <p>PM noted that cost info awaited</p> <p>GW agreed to provide the cost asap</p> <p>PM noted that Land Eng had already planted out 1 area and there was no benefit in ripping the planting back out. Only the 2 small areas require to be priced now.</p> <p>PM advised he would provide a CE</p> <p>GW agreed to provide a note of the cost</p> <p>PM agreed to provide a CE for this item</p> <p>Item closed – cross reference CE141</p>	Cross ref CE141
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p>	

			<p>21/05/2015 28/05/2015 04/06/2015</p> <p>11/06/2015 25/06/2015 23/07/2015 30/07/2015 06/08/2015</p>	<p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p>	
3880	PMI-410	CHILDREN'S HOSPITAL THEATRE DEPT - WC ROOM THE-013 DAMAGED WHB	<p>03/06/2015 11/06/2015 25/06/2015 23/07/2015 06/08/2015</p>	<p>Please supply and install new hand rinse whb to replace broken whb. Make all finishes good.</p> <p>FS noted that the works had been carried out the previous day. GW advised that he would upload the cost asap.</p> <p>PM agreed to check Sypro for cost info</p> <p>PM advised that the cost advised it too expensive and cost needs to be discussed.</p> <p>It was noted that this item had been discussed and costs agreed. Cross reference CE 140</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) - Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p>	

			<p>25/06/2015 23/07/2015 30/07/2015</p> <p>06/08/2015</p>	<p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>GW noted this is WIP.</p>	
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	<p>11/06/2015</p> <p>25/06/2015 23/07/2015 30/07/2015</p> <p>06/08/2015</p>	<p>Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.</p> <p>The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.</p> <p>Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on Sketch B.</p> <p>To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman).</p> <p>FS advised that he would check this with JMiller</p> <p>FS advised he would check that Magicman had been on site. PM noted that cost was required. GW advised that he had uploaded the cost.</p> <p>FS noted that he had spoken to Martin Muirhead the previous day who had advised that he is still trying to get magicman on site. No further update was available at this time.</p> <p>PM noted that he would review the costs</p>	
3923	PMI 415	- Additional IPS Sockets	<p>15/06/2015</p> <p>25/06/2015 30/07/2015</p> <p>06/08/2015</p>	<p>The Board request a cost for the installation of 4no. IPS twin socket outlets (medical) in trunking in RCG-071 and 2no. IPS twin sockets on trunking in RCG-069.</p> <p>Please cost RCG-071 as standalone &amp; RCG 069 as complimentary as the former may proceed without the latter but not vice versa.</p> <p>If the quantities exceed capacities on the existing IPS Unit please advise prior to pricing.</p> <p>DW suggested that the cost info had been issued and PM agreed to check</p> <p>DH advised that the NHS would want to proceed with RCG 071 only – RCG 069 no longer required. Costs to be reviewed.</p> <p>It was noted that this item could be closed. PMI 431 confirms the way forward.</p>	Cross ref PMI 431
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	<p>15/06/2015</p>	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> </ul>	

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			25/06/2015 23/07/2015 30/07/2015	- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections - All connections to kit by others (NHS FM). - Sterilisation of CWS & HWS by BMCE. DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review <b>It was noted that this item is on hold for now</b>	
3926	PMI 418 -	Additional investigative excavations - Neurosurgery Entrance	15/06/2015  23/07/2015 30/07/2015 06/08/2015	The Board instruct the additional investigative excavations to confirm the extent of unknown services identified during the pile cap excavations. These services are detailed within the summary report INS Entrance -Trail Pit Photos and Services Clash Report (Dated 27th May 2015). GW advised that the costs were to be uploaded by BMCL PM advised that he would issue a CE later that day (circa [REDACTED]) <b>It was agreed this PMI could be closed as CE 137 issued.</b>	Cross Ref CE 137.
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015      25/06/2015 23/07/2015 30/07/2015 06/08/2015	Please provide a cost for the introduction of hold open stays to the single sets of self closing fore doors in Cores A & B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users  Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.  Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.  The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users. It was agreed that a separate meeting would take place at 9.30am the following day. GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328 GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency. <b>GW advised that the costs would be uploaded asap</b>	
3936	PMI 420 -	CHILDRENS HOSPITAL - MRI INSTALLATION ADDITIONAL WORKS	17/06/2015  25/06/2015  23/07/2015 30/07/2015 06/08/2015	Amend works set out in PMI 406 as follows. Omit single direction ramp at gradient of 1:12 at change in level outside Neo-natal Unit. Add ramp with top landing 1220x1500mm with ramp 1220mm wide on grade 1:12, ramp to have guard rail to stop trolley falling off edge. Ramp to be constructed from regularised timber and 18mm plywood. FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE. GW advised that costs had been uploaded on 06/07. Works have been completed. PM advised that he would provide a CE asap. <b>It was agreed this PMI could be closed as CE 138 issued.</b>	Cross ref CE 138



3937	PMI 421	ADULT HOSPITAL OPD GROUND FLOOR ROOM ORT-014 - WALL BARS	17/06/2015	Please proceed and fit 2 sets of timber wall bars in room ORT 014. Wall bars are each nominally 2400mm high by 860mm wide and are fixed to the wall with angle brackets provided. Wall bars come flat pack and require to be put together, all fixings supplied. Also provide a finished surface mounted patress top and bottom as per instructions, screw fix patress to background studs to allow for reasonable load as discussed PMoir/FSHaw/User 17/6/15. make all finishes good.	Cross Ref CE 136
			25/06/2015	Refer attached sketch for location. FS advised that the works had been done. PM agreed to check Sypro for cost info and thereafter issue a CE.	
			23/07/2015	GW advised that costs had been uploaded on 16/07 for NHS review and provision of CE	
			30/07/2015	PM advised that he would provide a CE asap	
			06/08/2015	It was agreed this PMI could be closed as CE 136 issued.	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015	Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.  Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.  Proceed and install blinds as discussed a meeting 17 June 2015.  Works not to include provision of finger guards.  23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.	
			25/06/2015	FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30 <sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.	
			23/07/2015	FS advised that the operatives are back on site on 27 <sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015	
			30/07/2015	PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded	
			06/08/2015	PM noted that it was understood that the works are now complete. BMCL to provide cost for data socket/outlet works.	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.  Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.	

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			<p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"><li><i>• 10-12 air changes hour</i></li><li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li><li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li><li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li></ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
		23/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
		30/07/2015	<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p>	
		06/08/2015	<p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p>	

4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p>	
			23/07/2015	<p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p>	
			30/07/2015 06/08/2015	<p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p>	
			30/07/2015 06/08/2015	<p>Refer attached sketch.</p> <p>GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design. Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p>	

4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015  30/07/2015	The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.  DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015    23/07/2015 30/07/2015 06/08/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.  The names for the new hospitals are;  The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow  Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated. GB advised that BMCL would put an instruction to Land Eng. GB noted that he had asked Gillespies to update their drawings. <b>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</b>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015	The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.  Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015   30/07/2015  06/08/2015	Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.  Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location. DW noted that there is a lot of design work involved in this PMI and DW would provide info re programme impacts the following day. <b>PM advised that information had been added to the 'notes' section on Sypro.</b>	
4201	PMI 431 -	ADDITIONAL IPS SOCKETS ROOM RCG-071	30/07/2015	Please proceed with works as set out and costed in PMI-415, but to room RCG-071 only, confirm no works to be undertaken in room RCG-069. Cost agreed with Grant Wallace on 30th July 2015 as [REDACTED] incl OHP but excluding VAT.	

4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	11/08/2015	Please provide proposals and a cost for the following; a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing. b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.	
4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system.	
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16153	CE 136	ADULT HOSPITAL OUTPATIENT DEPT LEVEL 0 - ROOM ORT-014	30/07/2015	Install Group 3 wall bars in gym as supplied by NHS Board. Charge to Gp 3 equipment list.	
16156	CE 137	INSTITUTE OF NEUROSCIENCES - NEW ENTRANCE ADDITIONAL SITE INVESTIGATIONS	30/07/2015	The Board confirm the works instructed under PMI 417 & 418 to undertake additional site investigations to establish location, confirm if live, and terminate water, gas and drainage services not located as part of original Board commissioned site investigation and enabling works. Agreed cost [REDACTED] incl. of OH+P but excl VAT.	
16158	CE 138	CHILDRENS HOSPITAL L1 - INSTALL OF TRANSFER GROUP 5 EQUIPMENT (MRI)	30/07/2015	Proceed and provide sundry ramps and ballustrading as per PMI 420 and PMI 406.  Agreed cost [REDACTED] incl OH+P but ex VAT.	
16206	CE 139	TRANSITIONAL MANAGEMENT SUPPORT DURING BOARD COMMISSIONING PERIOD	04/08/2015	The Board confirms agreement to costs arising from the continued management and support from Brookfield Multiplex throughout the commissioning and migration period to bring the buildings into full operation, in particular, transitional support to manage and maintain the Building Services systems and the extended management support in connection with disruption to commencement of INS Entrance. The agreement covers costs incurred by Brookfield Multiplex and their supply chain for the period from completion to the 31st July 2015. This agreement brings to an end all additional ongoing transitional support.  Agreed gross cost [REDACTED]	
16207	CE 140	CHILDRENS HOSPITAL THEATRE DEPARTMENT REPLACEMENT WHB	04/08/2015	Board confirm acceptance of costs to replace damaged hand rinse basin in room THE-013.  Agreed cost [REDACTED] incl OH+P but excl VAT.	

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16208	CE 141	EXTERNAL WORKS - ADDITIONAL GRASS TURFING ADJACENT TO CAR PARK 1	04/08/2015	The Board confirm works provided under PMI 399 for two areas of turfing adjacent to the existing car park.  Agreed cost [REDACTED] incl OH+P but excluding VAT.	
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#### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). **GA advised that he would provide an update asap as there was no update available at this time (06/08/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push.



(04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015)

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015)
- Children's Canopy – FS advised that BMCL have gon back to Fraser with 3 options – 1 solution is a remake of 1 section to have an upstand. (25/05/2015) FS advised that Fraser Gray have advised optimal solution. Previous gutter was extended beyond the glass and was changed. The glass could be tilted up however there would be a charge for this (23/07/2015) FS advised that Gray & Dick has been instructed to jack up the glass. GW suggested that it was Jim Murray who had removed the gutter. (30/07/2015) FS advised that he had issued a CI to Gray & Dick – FS suggested the works would be undertaken in 1-2 weeks time (06/08/2015)
- Mop wash (wiring to gas solenoid valves taken out) – IP has requested that the wiring be connected. PM requested that DW provide sufficient info to enable PM to provide a PMI (23/07/2015) It was agreed that PM would issue an PMI for the solenoid valve. GB advised that BMCL were struggling to get the wall make-up information from BMJ and this was holding up progressing the lintel design. PM agreed to send RDeb an email to request the info be provided asap. (30/07/2015) PM advised that he had emailed RDeb requesting assistance (06/08/2015)
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015)
- Structural Blinds – BMCL to raise an EW regarding this. Discussed under NHS EW 057 (06/08/2015)
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015)
- NCH - Rooms requiring white rock - BMCL noted that there is 2 rooms where it is not possible to fit white rock and that the beds would need to be removed – PM suggested that BMCL could use a larger section of white rock and slide it into the gap (23/07/2015) GA advised that 1 room in zone B had been completed (06/08/2015)
- Schindler lift maintenance – GW advised that BMCL had received bills from Schindler for items outwith the scope of the maintenance contract – BMCL did not have any information as to why the NHS had called out an engineer and that there needed to be a process of informing BMCL put in place. DH advised that contractually the NHS only have a way to pay through the contract. GW accepted this to be the case however there was concern that the maintenance contract is between the BMCL and Schindler for 2 years. DH suggested that it may be possible for the NHS to set-up a call out contract for non maintenance call outs – this would need to be investigated. GW advised that as a minimum there needed to be a process for logging any call-outs. (23/07/2015) PM advised that he would discuss this mater with AGallagher on 03/08/2015 (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015)



- INS Linkbridge – PM noted that he had seen an email from Susan Walker. GA advised that it had been planned to remove the barriers however this had not been done as a VLAN for the access control was required. PM advised that he would liaise with FCarnie (23/07/2015) PM noted that BMCL are awaiting the NHS installing a data link in order that BMCL can complete their swipe card works. (30/07/2015) GA advised that the VLAN supply is in and Mercury are working on the access control now – GA suggested it would be mid w/c 10/08/2015 for the works to be completed (06/08/2015)
- Ward 4B – ward permeability tests – It was noted that PM would check with Gary Jenkins if these were wanted. PM enquired about the cost. DW suggested would potentially be [REDACTED]. (30/07/2015) PM advised that he will issue a PMI for the testing (06/08/2015)
- INS Fire Strategy documents – It was noted that these drawings had been provided to the NHS for RDD and that BMCL needed these returned asap. BMCL are progressing on basis of the RDD document. (06/08/2015)




			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed</p>	

			02/04/2015	to use the Mercury as fitted drawings rather than getting the WW dwg updated. GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
			21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	

26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting ght emitting pillows back in.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p> <p>13/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p>	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 13/08/2015

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015  11/06/2015  25/06/2015  23/07/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.</p> <p>FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need</p>	

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			30/07/2015	to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structural. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structural were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.	
			11/06/2015	DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.	
			25/06/2015	FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.	
			23/07/2015	FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.	
			30/07/2015	FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing.	



			06/08/2015	FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.	
			13/08/2015	GA advised that Delta T engineer is back on site on Monday. Declan (Mercury) will speak to rep regarding a date for the return to site to carry out the connections.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 12/08/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015 14/05/2015 21/05/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop.</p> <p>Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCL to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been</p>	

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3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015  25/06/2015 23/07/2015 30/07/2015  06/08/2015 13/08/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective. GW noted this is WIP.</p> <p><b>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</b></p>	
3911	PMI 413	NCH THEATRES 1-3 LASER PROTECTION	11/06/2015  25/06/2015 23/07/2015 30/07/2015  06/08/2015 13/08/2015	<p>Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite.</p> <p>The Board confirm that to meet laser protection requirements in Theatres 1-3 (THE-109/114/122) and Theatre 5 (THE-092) door vision panel flaps are required to all doors and therefore 2 No. additional flaps are required in each theatre as highlighted on the attached Sketch B.</p> <p>Additionally where ironmongery has been installed with thumb-turn to inside of shared dirty utility in lieu of key lock these should be swapped to have the thumb-turn on the theatre side. Also noted on Sketch B.</p> <p>To obtain vision panel flaps, these are to be removed from NCH cardiac cath lab RCI-005 and Interventional Radiology Lab RCI-013 as indicated on Sketch A. Holes left after removal to be made good (Magicman).</p> <p>FS advised that he would check this with JMiller</p> <p>FS advised he would check that Magicman had been on site. PM noted that cost was required. GW advised that he had uploaded the cost.</p> <p>FS noted that he had spoken to Martin Muirhead the previous day who had advised that he is still trying to get magicman on site. No further update was available at this time.</p> <p>PM noted that he would review the costs</p> <p><b>It was agreed that this item could be closed noting that Magicman would be onsite on 17/08/2015 which would complete the works</b></p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> </ul>	

			<p>25/06/2015 23/07/2015 30/07/2015</p>	<ul style="list-style-type: none"> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul> <p>DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review <b>It was noted that this item is on hold for now</b></p>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	<p>16/06/2015</p> <p>25/06/2015 23/07/2015 30/07/2015 06/08/2015 13/08/2015</p>	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fore doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p>GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</p> <p><b>GW advised that the costs would be uploaded asap</b> <b>GB advised that TDSL have responded with their cost. LJ has chased up Mercury for their</b></p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	<p>19/06/2015</p> <p>25/06/2015</p>	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-</p>	



			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p>	<p>it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p> <p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted. PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p> <p>PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p> <p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had</p>	







			<p>23/07/2015 30/07/2015 06/08/2015</p> <p>13/08/2015</p>	<p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping sone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	<p>27/07/2015</p> <p>13/08/2015</p>	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p> <p>GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	<p>27/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p>	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location.</p> <p>DW noted that there is a lot of design work involved in this PMI and DW would provide info re programme impacts the following day.</p> <p>PM advised that information had been added to the 'notes' section on Sypro.</p> <p>GW advised that this was currently being priced and PH was chasing this up.</p>	
4201	PMI 431 -	ADDITIONAL IPS SOCKETS ROOM RCG- 071	<p>30/07/2015</p> <p>13/08/2015</p>	<p>Please proceed with works as set out and costed in PMI-415, but to room RCG-071 only, confirm no works to be undertaken in room RCG-069. Cost agreed with Grant Wallace on 30th July 2015 as [REDACTED] incl OHP but excluding VAT.</p> <p>Agreed this item could be closed.</p>	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p>	

4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system.	
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150	
4366	PMI 435 -	Escape Door Set - Core E - level 2 - Swipe Card	13/08/2015	This escape door set has been fitted with maglocks but no swipe card operation panel. The Board request a cost to complete the installation with swipe card reader on stairwell side of door and maglock disengage on energisation of full fire alarm. (See attached drawing for specific location)	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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None

### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015)

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- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) **GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) **GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015)**
- Children's Canopy – FS advised that BMCL have gon back to Fraser with 3 options – 1 solution is a remake of 1 section to have an upstand. (25/05/2015) FS advised that Fraser Gray have advised optimal solution. Previous gutter was extended beyond the glass and was changed. The glass could be tilted up however there would be a charge for this (23/07/2015) FS advised that Gray & Dick has been instructed to jack up the glass. GW suggested that it was Jim Murray who had removed the gutter. (30/07/2015) FS advised that he had issued a CI to Gray & Dick – FS suggested the works would be undertaken in 1-2 weeks time (06/08/2015) **GA advised that the works would be commenced 22/08 and that he would liaise with IP (13/08/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) **GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015)**
- Structal Blinds – BMCL to raise an EW regarding this. **Discussed under NHS EW 057 (06/08/2015)**

- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015)
- NCH - Rooms requiring white rock - BMCL noted that there is 2 rooms where it is not possible to fit white rock and that the beds would need to be removed – PM suggested that BMCL could use a larger section of white rock and slide it into the gap (23/07/2015) GA advised that 1 room in zone B had been completed (06/08/2015) GA advised that the works were complete. GA advised that the pressure tests had been going slowly due to access difficulties however were continuing to link in with the users to get access to rooms as and when they can. Starkstrom are still looking at a solution to the pendant head. PM requested that GA provide a list of what rooms had been tested by the end of week/21/08/2015 (13/08/2015)
- Schindler lift maintenance – GW advised that BMCL had received bills from Schindler for items outwith the scope of the maintenance contract – BMCL did not have any information as to why the NHS had called out an engineer and that there needed to be a process of informing BMCL put in place. DH advised that contractually the NHS only have a way to pay through the contract. GW accepted this to be the case however there was concern that the maintenance contract is between the BMCL and Schindler for 2 years. DH suggested that it may be possible for the NHS to set-up a call out contract for non maintenance call outs – this would need to be investigated. GW advised that as a minimum there needed to be a process for logging any call-outs. (23/07/2015) PM advised that he would discuss this mater with AGallagher on 03/08/2015 (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) PM suggested that GW could write to PM highlighting the issue so that PM could deal with it. GW advised that it wasn't a big issue but that a process should be agreed to deal with calls Schindler. (13/08/2015)
- INS Linkbridge – PM noted that he had seen an email from Susan Walker. GA advised that it had been planned to remove the barriers however this had not been done as a VLAN for the access control was required. PM advised that he would liaise with FCarnie (23/07/2015) PM noted that BMCL are awaiting the NHS installing a data link in order that BMCL can complete their swipe card works. (30/07/2015) GA advised that the VLAN supply is in and Mercury are working on the access control now – GA suggested it would be mid w/c 10/08/2015 for the works to be completed (06/08/2015) It was noted that GF has provided equipment to transfer the POE to POE + supply. JM is liaising with Mercury for installation. Suggested that install would be w/c 17/0/2015 (13/08/2015)
- Ward 4B – ward permeability tests – It was noted that PM would check with Gary Jenkins if these were wanted. PM enquired about the cost. DW suggested would potentially be [REDACTED]. (30/07/2015) PM advised that he will issue a PMI for the testing (06/08/2015) PM advised that he would provide a PMI however requested that BMCL progress tests asap noting that it was understood that BMCL are still working in some rooms (13/08/2015)
- INS Fire Strategy documents – It was noted that these drawings had been provided to the NHS for RDD and that BMCL needed these returned asap. BMCL are progressing on basis of the RDD document. (06/08/2015) GA advised that he is meeting with GDonnelly the next day and he would get the drawings marked up and signed off. There was a discussion ongoing re having a different arrangement (Anso?) or to change the area into a vending machine only area. (13/08/2015)
- Access & Maintenance Strategy for A&C – GB advised that this RDD doc needed to be returned as it was very overdue. GF advised that he had spoken to DH the previous week and that he would follow up the discussion (13/08/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 26/08/2015:

Brookfield MULTIPLEX BM					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was</p>	


			<p>not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>02/04/2015 GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>23/4/2015 FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>30/04/2015 GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>07/05/2015 GB noted that collation of the Building Warrants is WIP</p> <p>14/05/2015 GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>21/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>13/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>27/08/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p>	
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26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings . PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3<sup>rd</sup>. PM noted that this item would not be able to be sorted in the next couple of weeks.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p>	

			13/08/2015 27/08/2015	<ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 13/08/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015  11/06/2015  25/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p>	


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			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
			30/07/2015	FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structural. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structural were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.	
			11/06/2015	DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.	

			25/06/2015	FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.	
			23/07/2015	FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.	
			30/07/2015	FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing.	
			06/08/2015	FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.	
			13/08/2015	GA advised that Delta T engineer is back on site on Monday. Declan (Mercury) will speak to rep regarding a date for the return to site to carry out the connections.	
			27/08/2015	GA advised that Delta T are onsite on 31/08 & 01/09 and that will conclude the works to wire the connections. BMCL will ensure that NHS reps witness the final commissioning.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 03/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p>	

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			<p>22/04/2015 30/04/2015</p> <p>07/05/2015 14/05/2015</p> <p>21/05/2015</p> <p>04/06/2015</p> <p>11/06/2015 25/06/2015 06/08/2015</p>	<p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>DW noted that minimal works have been commenced.</p> <p>DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).</p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	<p>18/05/2015</p> <p>21/05/2015 28/05/2015 04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p>	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an</p>	

			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>GW noted this is WIP.</p> <p>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>GW noted that costs had been uploaded for NHS review.</p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	<p>15/06/2015</p>	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul>	



			25/06/2015 23/07/2015 30/07/2015	DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review <b>It was noted that this item is on hold for now</b>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015    25/06/2015 23/07/2015 30/07/2015 06/08/2015 13/08/2015 27/08/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for unattended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p>GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</p> <p>GW advised that the costs would be uploaded asap</p> <p>GB advised that TDSL have responded with their cost. LJ has chased up Mercury for their cost</p> <p><b>GW advised that he will check that BMCL Have received all the cost info. GB suggested that costs had been received from TDSL and Mercury.</b></p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015         25/06/2015	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to</p>	



			<p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.</p> <p>FS advised that the operatives are back on site on 27<sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015</p> <p>PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded</p> <p>PM noted that it was understood that the works are now complete. BMCL to provide cost for data socket/outlet works.</p> <p>GA advised that he had spoken to DG who would liaise with Richard asap – there had been difficulty contacting Richard. Allaway are also considering installing soft close closers.</p> <p>GW advised that the costs had been uploaded for NHS review. GA advised that the soft closers and latches remedial works had been completed earlier that day.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p> <p>23/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p> <p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that</p>	

			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p> <p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p> <p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p> <p>PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p> <p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p> <p>23/07/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p>	

			30/07/2015 06/08/2015  13/08/2015 27/08/2015	<p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>GA advised that the installation is due to commence the following week.</p> <p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015          30/07/2015 06/08/2015 13/08/2015 27/08/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p> <p>GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p> <p>Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p>	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015  30/07/2015  13/08/2015 27/08/2015	<p>The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.</p> <p>DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.</p> <p>GA advised that the contractor is due on site w/c 10/08/2015</p> <p>DW advised that the operative was meant to be currently onsite. The part had been provided to IDM as free issue for them to fit. PM agreed to provide a CE. GW noted that the costs had been</p>	

				uploaded.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015      23/07/2015 30/07/2015 06/08/2015  13/08/2015   27/08/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015      13/08/2015  27/08/2015	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p> <p>GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.</p> <p>GW advised that he will get costs asap. GA advised that he would request that TDSL progress the works asap.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015      30/07/2015	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location.</p> <p>DW noted that there is a lot of design work involved in this PMI and DW would provide info re</p>	Cross ref CE 142

			06/08/2015 13/08/2015 27/08/2015	programme impacts the following day. PM advised that information had been added to the 'notes' section on Sypro. GW advised that this was currently being priced and PH was chasing this up. GW advised that the costs had been uploaded and noted that the cost of the actual gauges was expensive.	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	11/08/2015   27/08/2015	Please provide proposals and a cost for the following; a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing. b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch. GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.	
4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015  27/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system. PM advised that he would provide a CE once the costs are known	
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015 27/08/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150 Costs uploaded, cross ref BMCL EWN 0150	
4366	PMI 435 -	Escape Door Set - Core E - level 2 - Swipe Card	13/08/2015  27/08/2015	This escape door set has been fitted with maglocks but no swipe card operation panel. The Board request a cost to complete the installation with swipe card reader on stairwell side of door and maglock disengage on energisation of full fire alarm. (See attached drawing for specific location) GB advised that he would check the door drawings	
4455	PMI 436	ADULT HOSPITAL LEVEL 4 WARD B HAEMATO ONCOLOGY - AIR PERMEABILITY TEST	28/08/2015	Proceed and undertake air permeability tests to 24 rooms and en suites in this ward and provide formal report prior to final handover to Board. Please provide cost for same.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16610	CE 142	ADULT HOSPITAL LEVEL 4 WARD B - HAEMATO ONCOLOGY - DIGITAL GAUGES	28/08/2015	Please proceed and install digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location. All as priced under PMI 430. NOTE PMI 430 REFERS MAGNAHELIC GAUGES CONFIRM THESE HAVE DIGITAL READ OUT AND ALARM BEFORE PROCEEDING.  Agreed cost [REDACTED] incl OH+P but excl VAT.	

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16611	CE 143	RHC IMAGING ROOM RCG-055 BONE DENSITOMETRY	28/08/2015	Supply and install additional contactor and interim switching arrangements for Group 5 item of equipment.  Agreed cost [REDACTED] incl. OH+P but excluding VAT.	
16612	CE 144	NCH Cath Lab Suite – Laser flaps to doors	28/08/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite  Agreed cost [REDACTED] incl OH+P but excl VAT	

#### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) **GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015)



DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference of opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) **GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015)**

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) **GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) **GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015)**
- Structural Blinds – BMCL to raise an EW regarding this. **Discussed under NHS EW 057 (06/08/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015)**
- INS Fire Strategy documents – It was noted that these drawings had been provided to the NHS for RDD and that BMCL needed these returned asap. BMCL are progressing on basis of the RDD document. (06/08/2015) GA advised that he is meeting with GDonnelly the next day and he would get the drawings marked up and signed off. There was a discussion ongoing re having a different arrangement (Anso?) or to change the area into a vending machine only area. (13/08/2015) **GF advised that he was scheduled to meet with GD the following day and the drawings would be returned asap thereafter (27/08/2015)**




- Access & Maintenance Strategy for A&C – GB advised that this RDD doc needed to be returned as it was very overdue. GF advised that he had spoken to DH the previous week and that he would follow up the discussion (13/08/2015) GF agreed to liaise with DH re review and return of documents (27/08/2015)
- Overcladding works – GF noted that window film may need to be applied to windows at INS to allow patient dignity to be retained during the works. GF to draft a PMI for issue (27/08/2015)
- PMI 423 - CHILDRENS HOSPITAL – MEDICINEMA. GW noted that this had been closed and removed from the tracker however GW had costs associated with this item. PM advised that as they doors had never been commissioned that there were no costs attributable to the NHS (27/08/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 26/08/2015:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. <b>GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was</p>	

			<p>not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>02/04/2015 GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>23/4/2015 FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>30/04/2015 GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>07/05/2015 GB noted that collation of the Building Warrants is WIP</p> <p>14/05/2015 GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>21/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>13/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>27/08/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p>	
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26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3<sup>rd</sup>. PM noted that this item would not be able to be sorted in the next couple of weeks.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p>	

			13/08/2015 27/08/2015	<ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 13/08/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015  11/06/2015  25/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p>	

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			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
			30/07/2015	FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.	
			11/06/2015	DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.	



			25/06/2015	FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.	
			23/07/2015	FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.	
			30/07/2015	FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing.	
			06/08/2015	FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.	
			13/08/2015	GA advised that Delta T engineer is back on site on Monday. Declan (Mercury) will speak to rep regarding a date for the return to site to carry out the connections.	
			27/08/2015	GA advised that Delta T are onsite on 31/08 & 01/09 and that will conclude the works to wire the connections. BMCL will ensure that NHS reps witness the final commissioning.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 03/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p>	

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			<p>22/04/2015 30/04/2015</p> <p>07/05/2015 14/05/2015</p> <p>21/05/2015</p> <p>04/06/2015</p> <p>11/06/2015 25/06/2015 06/08/2015</p>	<p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>DW noted that minimal works have been commenced.</p> <p>DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).</p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	<p>18/05/2015</p> <p>21/05/2015 28/05/2015 04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p>	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an</p>	

			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>GW noted this is WIP.</p> <p>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>GW noted that costs had been uploaded for NHS review.</p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul>	

			25/06/2015 23/07/2015 30/07/2015	DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review <b>It was noted that this item is on hold for now</b>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015    25/06/2015 23/07/2015 30/07/2015 06/08/2015 13/08/2015 27/08/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for unattended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p>GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</p> <p>GW advised that the costs would be uploaded asap</p> <p>GB advised that TDSL have responded with their cost. LJ has chased up Mercury for their cost</p> <p><b>GW advised that he will check that BMCL Have received all the cost info. GB suggested that costs had been received from TDSL and Mercury.</b></p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	19/06/2015          25/06/2015	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to</p>	

			<p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.</p> <p>FS advised that the operatives are back on site on 27<sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015</p> <p>PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded</p> <p>PM noted that it was understood that the works are now complete. BMCL to provide cost for data socket/outlet works.</p> <p>GA advised that he had spoken to DG who would liaise with Richard asap – there had been difficulty contacting Richard. Allaway are also considering installing soft close closers.</p> <p>GW advised that the costs had been uploaded for NHS review. GA advised that the soft closers and latches remedial works had been completed earlier that day.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p> <p>23/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p> <p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that</p>	

			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p> <p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted. PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required. PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p> <p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p> <p>23/07/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p>	



			30/07/2015 06/08/2015  13/08/2015 27/08/2015	<p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>GA advised that the installation is due to commence the following week.</p> <p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015       30/07/2015 06/08/2015 13/08/2015 27/08/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p> <p>GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p> <p>Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p>	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015  30/07/2015  13/08/2015 27/08/2015	<p>The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.</p> <p>DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.</p> <p>GA advised that the contractor is due on site w/c 10/08/2015</p> <p>DW advised that the operative was meant to be currently onsite. The part had been provided to IDM as free issue for them to fit. PM agreed to provide a CE. GW noted that the costs had been</p>	



				uploaded.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015      23/07/2015 30/07/2015 06/08/2015  13/08/2015   27/08/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015      13/08/2015  27/08/2015	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p> <p>GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.</p> <p>GW advised that he will get costs asap. GA advised that he would request that TDSL progress the works asap.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015      30/07/2015	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location.</p> <p>DW noted that there is a lot of design work involved in this PMI and DW would provide info re</p>	Cross ref CE 142

			06/08/2015 13/08/2015 27/08/2015	programme impacts the following day. PM advised that information had been added to the 'notes' section on Sypro. GW advised that this was currently being priced and PH was chasing this up. GW advised that the costs had been uploaded and noted that the cost of the actual gauges was expensive.	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	11/08/2015   27/08/2015	Please provide proposals and a cost for the following; a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing. b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch. GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.	
4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015  27/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system. PM advised that he would provide a CE once the costs are known	
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015 27/08/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150 Costs uploaded, cross ref BMCL EWN 0150	
4366	PMI 435 -	Escape Door Set - Core E - level 2 - Swipe Card	13/08/2015  27/08/2015	This escape door set has been fitted with maglocks but no swipe card operation panel. The Board request a cost to complete the installation with swipe card reader on stairwell side of door and maglock disengage on energisation of full fire alarm. (See attached drawing for specific location) GB advised that he would check the door drawings	
4455	PMI 436	ADULT HOSPITAL LEVEL 4 WARD B HAEMATO ONCOLOGY - AIR PERMEABILITY TEST	28/08/2015	Proceed and undertake air permeability tests to 24 rooms and en suites in this ward and provide formal report prior to final handover to Board. Please provide cost for same.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16610	CE 142	ADULT HOSPITAL LEVEL 4 WARD B - HAEMATO ONCOLOGY - DIGITAL GAUGES	28/08/2015	Please proceed and install digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location. All as priced under PMI 430. NOTE PMI 430 REFERS MAGNAHELIC GAUGES CONFIRM THESE HAVE DIGITAL READ OUT AND ALARM BEFORE PROCEEDING.  Agreed cost [REDACTED] incl OH+P but excl VAT.	

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16611	CE 143	RHC IMAGING ROOM RCG-055 BONE DENSITOMETRY	28/08/2015	Supply and install additional contactor and interim switching arrangements for Group 5 item of equipment.  Agreed cost [REDACTED] incl. OH+P but excluding VAT.	
16612	CE 144	NCH Cath Lab Suite – Laser flaps to doors	28/08/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite  Agreed cost [REDACTED] incl OH+P but excl VAT	

#### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) **GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015)

DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference of opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) **GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015)**

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) **GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) **GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015)**
- Structural Blinds – BMCL to raise an EW regarding this. **Discussed under NHS EW 057 (06/08/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015)**
- INS Fire Strategy documents – It was noted that these drawings had been provided to the NHS for RDD and that BMCL needed these returned asap. BMCL are progressing on basis of the RDD document. (06/08/2015) GA advised that he is meeting with GDonnelly the next day and he would get the drawings marked up and signed off. There was a discussion ongoing re having a different arrangement (Anso?) or to change the area into a vending machine only area. (13/08/2015) **GF advised that he was scheduled to meet with GD the following day and the drawings would be returned asap thereafter (27/08/2015)**


- Access & Maintenance Strategy for A&C – GB advised that this RDD doc needed to be returned as it was very overdue. GF advised that he had spoken to DH the previous week and that he would follow up the discussion (13/08/2015) GF agreed to liaise with DH re review and return of documents (27/08/2015)
- Overcladding works – GF noted that window film may need to be applied to windows at INS to allow patient dignity to be retained during the works. GF to draft a PMI for issue (27/08/2015)
- PMI 423 - CHILDRENS HOSPITAL – MEDICINEMA. GW noted that this had been closed and removed from the tracker however GW had costs associated with this item. PM advised that as they doors had never been commissioned that there were no costs attributable to the NHS (27/08/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 15/09/2015:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. <b>GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was</p>	



			<p>not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>02/04/2015 GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>23/4/2015 FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>30/04/2015 GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>07/05/2015 GB noted that collation of the Building Warrants is WIP</p> <p>14/05/2015 GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>21/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>13/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>27/08/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p>	
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26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3<sup>rd</sup>. PM noted that this item would not be able to be sorted in the next couple of weeks.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p>	

			13/08/2015 27/08/2015	<ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p>	
26745	BMCL-EWN-161	HV connection	07/09/2015	<p>We have been trying for the last 2 weeks to arrange for the termination of the temporary HV connections to our old welfare area.</p> <p>The NHS HV appointed person we have been told to liaise with is Paul McAllister who is on night shift and will not be available until next Friday.</p> <p>Without the HV termination Land Engineering will be prevented from completing the SUDS tank below the Children's Park.</p> <p>As per their current programme we needed the isolation by Friday (04-09-15) which was not achieved. Although this will not stop all the works in the area it will prevent the SUDS completion as planned.</p> <p>We require an alternative appointed person who can deal with this as a matter of urgency.</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p>	
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p>	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	


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			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Strucal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p><b>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</b></p>	
25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	<p>04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p>	<p>The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.</p> <p>DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire &amp; Rescue.</p> <p>FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.</p> <p>FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.</p> <p>FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7<sup>th</sup> August was being targeted for completion of the</p>	

			06/08/2015	works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing. FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.	
			13/08/2015	GA advised that Delta T engineer is back on site on Monday. Declan (Mercury) will speak to rep regarding a date for the return to site to carry out the connections.	
			27/08/2015	GA advised that Delta T are onsite on 31/08 & 01/09 and that will conclude the works to wire the connections. BMCL will ensure that NHS reps witness the final commissioning.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 15/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02/2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015 14/05/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been</p>	

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			<p>21/05/2015 placed against this item. DH noted that the costs needed to be attributed appropriately. SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>04/06/2015 DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.</p> <p>11/06/2015 GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>25/06/2015 DW noted that minimal works have been commenced.</p> <p>06/08/2015 <b>DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).</b></p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	<p>18/05/2015 Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>21/05/2015 It was agreed that BMCL will liaise with Siemens</p> <p>28/05/2015 FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>04/06/2015 FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>11/06/2015 GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>25/06/2015 PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>23/07/2015 FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>30/07/2015 PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>06/08/2015 GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should</p>	



			13/08/2015 27/08/2015	<p>identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015        25/06/2015 23/07/2015 30/07/2015  06/08/2015 13/08/2015  27/08/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>GW noted this is WIP.</p> <p>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>GW noted that costs had been uploaded for NHS review.</p>	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015       25/06/2015 23/07/2015 30/07/2015	<p>Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include;</p> <ul style="list-style-type: none"> <li>- 2no. 13A Sockets fitted 450mm FFL.</li> <li>- 1no. cold water supply fitted at 300mm FFL</li> <li>- 1no. hot water supply fitted at 300mm FFL</li> <li>- 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections</li> <li>- All connections to kit by others (NHS FM).</li> <li>- Sterilisation of CWS &amp; HWS by BMCE.</li> </ul> <p>DW advised that the cost had been received from Mercury and BMCL have queried the cost</p> <p>GW advised that costs had been uploaded to sypro for NHS review</p> <p>It was noted that this item is on hold for now</p>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	16/06/2015	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free</p>	

			<p>access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for un attended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>25/06/2015 GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p>23/07/2015 GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</p> <p>30/07/2015 GW advised that the costs would be uploaded asap</p> <p>06/08/2015 GB advised that TDSL have responded with their cost. LJ has chased up Mercury for their cost</p> <p>13/08/2015 <b>GW advised that he will check that BMCL Have received all the cost info. GB suggested that costs had been received from TDSL and Mercury.</b></p> <p>27/08/2015</p>	
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	<p>19/06/2015 Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>25/06/2015 FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.</p> <p>23/07/2015 FS advised that the operatives are back on site on 27<sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015</p> <p>30/07/2015 PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded</p> <p>06/08/2015 PM noted that it was understood that the works are now complete. BMCL to provide cost for data socket/outlet works.</p> <p>13/08/2015 GA advised that he had spoken to DG who would liaise with Richard asap – there had been difficulty contacting Richard. Allaway are also considering installing soft close closers.</p>	

			27/08/2015	GW advised that the costs had been uploaded for NHS review. GA advised that the soft closers and latches remedial works had been completed earlier that day.	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>• 10-12 air changes hour</i></li> <li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li> <li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
			23/07/2015	PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27 <sup>th</sup> May 2010 was a significant date.	
			30/07/2015	DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will	

			06/08/2015	be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted. PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1 <sup>st</sup> element being due to the NHS and the 2 <sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.	
			13/08/2015	PM noted that there had been a few additions to this item (PMI 429 & PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.	
			27/08/2015	PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.  Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.  Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.  Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a>	
			23/07/2015	Notify Board team once sample prepared for review. FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.	
			30/07/2015	PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal.	
			06/08/2015	It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.	
			13/08/2015	GA advised that the installation is due to commence the following week.	
			27/08/2015	GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been	

				complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p>	
			30/07/2015	Refer attached sketch.	
			06/08/2015	GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.	
			13/08/2015	Consideration being given to options for infill panels. Positioning of bike stands under consideration.	
			27/08/2015	GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.	
				PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	20/07/2015	The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.	
			30/07/2015	DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.	
			13/08/2015	GA advised that the contractor is due on site w/c 10/08/2015	
			27/08/2015	DW advised that the operative was meant to be currently onsite. The part had been provided to IDM as free issue for them to fit. PM agreed to provide a CE. GW noted that the costs had been uploaded.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p>	

			<p>23/07/2015 30/07/2015 06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping sone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCaldenwood.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	<p>27/07/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p> <p>GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.</p> <p>GW advised that he will get costs asap. GA advised that he would request that TDSL progress the works asap.</p>	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	<p>27/07/2015</p> <p>30/07/2015</p> <p>06/08/2015 13/08/2015 27/08/2015</p>	<p>Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.</p> <p>Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location.</p> <p>DW noted that there is a lot of design work involved in this PMI and DW would provide info re programme impacts the following day.</p> <p>PM advised that information had been added to the 'notes' section on Sypro.</p> <p>GW advised that this was currently being priced and PH was chasing this up.</p> <p>GW advised that the costs had been uploaded and noted that the cost of the actual gauges was expensive.</p>	Cross ref CE 142
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light</p>	



			27/08/2015	coloured net with mesh size between 75 and 100mm. Refer attached sketch. GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.	
4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015 27/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system. PM advised that he would provide a CE once the costs are known	
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015 27/08/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150 Costs uploaded, cross ref BMCL EWN 0150	
4366	PMI 435 -	Escape Door Set - Core E - level 2 - Swipe Card	13/08/2015 27/08/2015	This escape door set has been fitted with maglocks but no swipe card operation panel. The Board request a cost to complete the installation with swipe card reader on stairwell side of door and maglock disengage on energisation of full fire alarm. (See attached drawing for specific location) GB advised that he would check the door drawings	
4455	PMI 436	ADULT HOSPITAL LEVEL 4 WARD B HAEMATO ONCOLOGY - AIR PERMEABILITY TEST	28/08/2015	Proceed and undertake air permeability tests to 24 rooms and en suites in this ward and provide formal report prior to final handover to Board. Please provide cost for same.	
4467	PMI 437 -	Mop wash floor - painting	03/09/2015	The Board request a price for the painting of the Mop Wash floor as a result of works carried out und PMI 433 (Power Supply for Gas Solenoid Valve and request from Infection Control to have a sealed floor.)	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16610	CE 142	ADULT HOSPITAL LEVEL 4 WARD B - HAEMATO ONCOLOGY - DIGITAL GAUGES	28/08/2015	Please proceed and install digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location. All as priced under PMI 430. NOTE PMI 430 REFERS MAGNAHELIC GAUGES CONFIRM THESE HAVE DIGITAL READ OUT AND ALARM BEFORE PROCEEDING.  Agreed cost [REDACTED] incl OH+P but excl VAT.	09/09/2015
16611	CE 143	RHC IMAGING ROOM RCG-055 BONE DENSITOMETRY	28/08/2015	Supply and install additional contactor and interim switching arrangements for Group 5 item of equipment.  Agreed cost [REDACTED] incl. OH+P but excluding VAT.	09/09/2015



16612	CE 144	NCH Cath Lab Suite – Laser flaps to doors	28/08/2015	Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite	Value to be placed in box
				Agreed cost [REDACTED] incl OH+P but excl VAT	

#### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) **GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push.

(04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) **GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015)**

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) **GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) **GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015)**
- Structural Blinds – BMCL to raise an EW regarding this. **Discussed under NHS EW 057 (06/08/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015)**
- INS Fire Strategy documents – It was noted that these drawings had been provided to the NHS for RDD and that BMCL needed these returned asap. BMCL are progressing on basis of the RDD document. (06/08/2015) GA advised that he is meeting with GDonnelly the next day and he would get the drawings marked up and signed off. There was a discussion ongoing re having a different arrangement (Anso?) or to change the area into a vending machine only area. (13/08/2015) **GF advised that he was scheduled to meet with GD the following day and the drawings would be returned asap thereafter (27/08/2015)**
- Access & Maintenance Strategy for A&C – GB advised that this RDD doc needed to be returned as it was very overdue. GF advised that he had spoken to DH the previous week and that he would follow up the discussion (13/08/2015) **GF agreed to liaise with DH re review and return of documents (27/08/2015)**
- Overcladding works – GF noted that window film may need to be applied to windows at INS to allow patient dignity to be retained during the works. GF to draft a PMI for issue (27/08/2015)


- PMI 423 - CHILDRENS HOSPITAL – MEDICINEMA. GW noted that this had been closed and removed from the tracker however GW had costs associated with this item. PM advised that as they doors had never been commissioned that there were no costs attributable to the NHS (27/08/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 23/09/2015:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. <b>GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for</p>	

			PMI's after PMI 360.	
		26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
		02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
		23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
		07/05/2015	GB noted that collation of the Building Warrants is WIP	
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
		04/06/2015	FS advised that GB is liaising with Mercury	
		11/06/2015	GB advised that this would be progressed once the works completed in the summer	
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
		05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
		13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
		27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
		17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	




26026	BMCL-EWN-159	Fire Stopping Reinstatement	22/07/2015	Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.
				The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.
			23/07/2015	Board to issue PMI/ CE covering the works. FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)
			30/07/2015	PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.
			05/08/2015	GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.
			13/08/2015	GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.
			27/08/2015	GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3rd. PM noted that this item would not be able to be sorted in the next couple of weeks.
			17/09/2015	PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26th January is not a line in the sand as at 26th January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26th January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3rd for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information



				uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.	
26405	BMCL-EWN-160	Delays to piling at VIE2	10/08/2015  13/08/2015  27/08/2015 17/09/2015	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p> <p>GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.</p>	
26745	BMCL-EWN-161	HV connection	07/09/2015       17/09/2015	<p>We have been trying for the last 2 weeks to arrange for the termination of the temporary HV connections to our old welfare area.</p> <p>The NHS HV appointed person we have been told to liaise with is Paul McAllister who is on night shift and will not be available until next Friday.</p> <p>Without the HV termination Land Engineering will be prevented from completing the SUDS tank below the Children's Park.</p> <p>As per their current programme we needed the isolation by Friday (04-09-15) which was not achieved. Although this will not stop all the works in the area it will prevent the SUDS completion as planned.</p> <p>We require an alternative appointed person who can deal with this as a matter of urgency.</p> <p>GA noted that there had been a meeting to discuss held the previous day and the isolations and disconnections had now been scheduled to take place on 30<sup>th</sup> September 2015. There is potentially time delay costs.</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  17/09/2015	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA noted that soft ground conditions had delayed the works i.e. it had taken over 1 week to do 4 piles and there had also been a failed test which meant that the test crew had to remobilised. The retest had confirmed that there was no issue with the pile and the test equipment had been faulty. GA noted that the programme had been rescheduled and re-issued.</p>	

26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015 17/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 23/09/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015 23/4/2015 30/04/2015 07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12th June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainbond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed</p>	

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			<p>therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>11/06/2015 FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>25/06/2015 FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>23/07/2015 FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.</p> <p>30/07/2015 FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p> <p>06/08/2015 FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11<sup>th</sup> and 4<sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>13/08/2015 PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>27/08/2015 GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>17/09/2015 GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
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25494	NHS EW 059	ADULT HOSPITAL - VECTOR FOILTEC BURN OFF SYSTEM	04/06/2015	The Board record their great concern on the discovery that faults have been found in the VF ETFE roofing burn off mechanism. The Board require to be provided with a report on the current situation, cause of the fault, and interim contingency plan to mitigate the risk and a plan and programme for remedial works to bring the system into full operation. This information is required no later than 4pm Weds 10th June 2015, certainly for interim position and timescale to remedy, fault finding may take somewhat longer.
			11/06/2015	DW advised that some cables had been taken off and sent to an independent tester in Germany. The remedial works will take circa 2 weeks. Confirmation is awaited for when the cables will be back on site. Sheila is progressing and can provide explanation to PM. GB advised that BMCL had liaised with KHamill who has produced a report – GB noted that the points KH raised are minimal with the exception of the cafe which is his main concern. The only ignition spark point is the vending machine(s) at OPD which sit beneath the balcony and it is suggested that these could either be switched off or repositioned. DW advised that Sheila had issued the report. DW noted that there is a button on the BMS to open the vents and BMCL are going to tie this into the fire alarm. DW suggested that it would be mid July before the remedial works would be complete however BMCL were pushing to get this programme bettered. DW was asking that the company phase the provision of the materials. DH suggested that it may be beneficial to share the report with Strathclyde Fire & Rescue.
			25/06/2015	FS advised that the operatives are currently working on the wiring – it had been suggested it would take 1 day for each wire. Effectively there should now be 4 wires done and works should be complete by the end of July. DH enquired if the panel is currently disengaged and FS confirmed that it was disengaged.
			23/07/2015	FS advised that core B remedial works had been completed and works commenced to core D. FS agreed for get an update on the works and provide further feedback. PM enquired about the timescale for completion of the works and DW advised the works would be complete by the end of July.
			30/07/2015	FS noted that the wiring for 13 of the 20 had been completed at the time of the last meeting and that a further 1 may now have also been done. The works are weather dependent so it was thought that the weather would have prevented further progress. W/e 7 <sup>th</sup> August was being targeted for completion of the works. PM requested that BMCL liaise with IP to identify a NHS rep to witness the commissioning/testing.
			06/08/2015	FS advised that all 20 have been rewired and there are currently only 4 junction boxes to be done. BMCL are awaiting on Delta T however essentially all the Vectorfoiltec works would be completed later that day. GW enquired why Delta T was being procured through Mercury and not through Vectorfoiltec. FS agreed to liaise with Vectorfoiltec.
			13/08/2015	GA advised that Delta T engineer is back on site on Monday. Declan (Mercury) will speak to rep regarding a date for the return to site to carry out the connections.
			27/08/2015	GA advised that Delta T are onsite on 31/08 & 01/09 and that will conclude the works to wire the connections. BMCL will ensure that NHS reps witness the final commissioning.
			17/09/2015	DW noted that the works were now complete and that the Vectorfoiltec and Delta T certificates were on Zutec. DW noted that 1 NHS Rep had attended the training session. It was agreed that this item was now closed.

26955	NHS EWN 060	Stage 3 A Demolitions- Water Main-Hydrants	22/09/2015	<p>BMCL previously requested that all building services, including water mains/fire hydrant's within the Stage 3A buildings to be demolished ,areas were to be isolated and capped. The Board complied with this with respect to water mains/hydrant supplies . Diversions ,bypasses and temporary reduced flow supplies for the asbestos removal works have been put in place to allow this to happen at agreed handover dates and this has been done in liaison with the NHS Estates Department to ensure that there is no legionella (dead leg, low circulating) flow risk to the new and retained hospital facilities.</p> <p>BMCL verbally asked for water mains to be reconnected in August 15 and provided the detail of the required hydrants on 16th September 2015. The NHS will progress this request asap and is meeting with NHS Operational Estates to propose a scheme that will allow the hydrants to be reconnected at full flow and used at no contamination risk to the existing hospitals. It is expected that work will require to be undertaken to deliver this.</p> <p>This could delay the handover of the Stage 3A demolitions site and also result in additional expenditure by the Board to enable.</p>	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 23/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a</p>	

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			<p>07/05/2015 14/05/2015</p> <p>21/05/2015</p> <p>04/06/2015</p> <p>11/06/2015 25/06/2015 06/08/2015</p>	<p>blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs.</p> <p>DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p> <p>SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board</p> <p>DH noted that CG had confirmed that the BMCL retail unit works had been completed.</p> <p>Instruction to be given to BMCL to progress.</p> <p>GW advised that he had rechecked the costs and he thinks that the costs are correct.</p> <p>DW noted that minimal works have been commenced.</p> <p><b>DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).</b></p>	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	<p>18/05/2015</p> <p>21/05/2015 28/05/2015 04/06/2015</p> <p>11/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p>	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM</p>	



			06/08/2015	suggested that this item and PMI 411 should be issued as a single CE.	
			13/08/2015	GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.	
			27/08/2015	GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.	
			17/09/2015	GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited. GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	Please re-configure installed arrangement as follows.  Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC. Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs. Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.	
			25/06/2015	PM advised that he would liaise with JPhillips re doing the works at the weekend.	
			23/07/2015	GW advised that BMCL were preparing pricing.	
			30/07/2015	GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.	
			06/08/2015	GW noted this is WIP.	
			13/08/2015	PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.	
			27/08/2015	GW noted that costs had been uploaded for NHS review.	
			17/09/2015	PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.	
3924	PMI 416	CHILDREN'S HOSPITAL LEVEL 4 - DCFP ROOM 028	15/06/2015	Supply and install power, water and drainage services in this room to allow the Board to install 1 No washing machine and 1 No condensing tumble drier. Works to include; - 2no. 13A Sockets fitted 450mm FFL. - 1no. cold water supply fitted at 300mm FFL - 1no. hot water supply fitted at 300mm FFL - 2no. 50mm dia drainage connections fitted at low level with tundish for tumble dryer and dishwasher connections	



			<p>25/06/2015 23/07/2015 30/07/2015 17/09/2015</p>	<p>- All connections to kit by others (NHS FM). - Sterilisation of CWS &amp; HWS by BMCE. DW advised that the cost had been received from Mercury and BMCL have queried the cost GW advised that costs had been uploaded to sypro for NHS review It was noted that this item is on hold for now <b>It was agreed that this PMI should be cancelled.</b></p>	
3930	PMI 419	ADULT HOSPITAL - STAIR CORES A & B FIRE DOORS (2 sets)	<p>16/06/2015</p> <p>25/06/2015 23/07/2015 30/07/2015 06/08/2015 13/08/2015 27/08/2015 17/09/2015</p>	<p>Please provide a cost for the introduction of hold open stays to the single sets of self closing fire doors in Cores A &amp; B as indicated on the attached sketch. Stays to be linked to the fire alarm system and be wall mounted at door head level. These works are to provide barrier free access for wheelchair users</p> <p>Core A - doorset requires to be repositioned to give cover to open doorset and also allow free access for turning of wheelchairs into lift lobby.</p> <p>Core B - doors can remain in current location, Board will accept minor overlap of doorway to Cleaners Room.</p> <p>The Board are open to alternate solutions that achieve improved barrier free access for unattended wheelchair users.</p> <p>It was agreed that a separate meeting would take place at 9.30am the following day.</p> <p>GB advised that work is in progress to obtain the costs. GW suggested that the cost for this item could be allocated to PMI 328</p> <p>GB advised that cost had been received from TDSL however Mercury cost awaited. It was noted that the costs would be allocated to 328 contingency.</p> <p>GW advised that the costs would be uploaded asap</p> <p>GB advised that TDSL have responded with their cost. LJ has chased up Mercury for their cost</p> <p>GW advised that he will check that BMCL Have received all the cost info. GB suggested that costs had been received from TDSL and Mercury.</p> <p><b>PM noted that he was awaiting cost info. GB suggested that the Mercury costs were being chased up as the TDSL costs had been received. GB agreed to liaise with LJ. PM noted that he would provide a CE once costs reviewed. PM advised that he would be issuing a PMI for similar changes to Core C.</b></p>	Cross ref CE 145 issued 17/09/2015
3948	PMI 422	CHILDREN'S HOSPITAL AUDIOLOGY SUITE - AMENDMENTS TO POWER AND PATCH PANELS	<p>19/06/2015</p>	<p>Amendments to power and patch panels in 4 No audiology rooms. Also supply of blinds between test rooms and lobbies. 2No.</p> <p>Please proceed with works as set out on the attached quotation from Allaway Acoustics, works to include relocation of power and provision of new patch panels and provision of temporary cables.</p> <p>Proceed and install blinds as discussed a meeting 17 June 2015.</p> <p>Works not to include provision of finger guards.</p> <p>23 June 2015 additional works - please also relocate data sockets as per user requirements, change the PIR's to dimmer switches in each lobby. On options for data sockets proceed with the</p>	(cross ref PMI 328)

			<p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p>	<p>second option of using an extension cable to the current RJ45 socket and loop back into trunking and then run into new data outlet in position agreed with users.</p> <p>FS advised that the materials were being dispatched the previous day. The blinds would be fitted on 30<sup>th</sup> June. FS had responded to AIC. PM advised that JHarrigan wants to set-up a video-conference. FS suggested that increased noise is due to increased air volumes and JMiller was going back into review later that day. JM has got H&amp;V back on site. PM enquired if retesting was to be done. FS noted that the BMCL test results show is within limits and BMCL have not altered the balancing.</p> <p>FS advised that the operatives are back on site on 27<sup>th</sup> July 2015. GW advised that the costs had been uploaded on 16/07/2015</p> <p>PM advised that this item is on hold until testing to be undertaken on 03/08/2015 had been concluded</p> <p>PM noted that it was understood that the works are now complete. BMCL to provide cost for data socket/outlet works.</p> <p>GA advised that he had spoken to DG who would liaise with Richard asap – there had been difficulty contacting Richard. Allaway are also considering installing soft close closers.</p> <p>GW advised that the costs had been uploaded for NHS review. GA advised that the soft closers and latches remedial works had been completed earlier that day.</p> <p>Item closed. GA noted that tests had been undertaken the previous night and were being undertaken that day. Thus far the test results were favourable.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>• 10-12 air changes hour</i></li> <li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li> <li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p>	

				<p><i>Please organise an preliminary meeting with design team and Board to establish scope in more detail.</i></p> <p><i>(Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
			23/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
			30/07/2015	<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p>	
			06/08/2015	<p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p>	
			13/08/2015	<p>PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p>	
			27/08/2015	<p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p>	
			17/09/2015	<p>GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.</p>	

4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p>	
			23/07/2015	<p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p>	
			30/07/2015	PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal.	
			06/08/2015	<p>It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p>	
			13/08/2015	GA advised that the installation is due to commence the following week.	
			27/08/2015	<p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p>	
			17/09/2015	<p>GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasure. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged</p>	

			<p>access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p> <p>30/07/2015 GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p> <p>06/08/2015 Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>13/08/2015 GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>27/08/2015 PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p> <p>17/09/2015 PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap.</p>	
4092	PMI 427 -	ROYAL HOSPITAL FOR CHILDREN - IMAGING ROOM RCG-055 BONE DENSITOMETRY	<p>20/07/2015 The Board request that a contactor is supplied and fitted to allow X Ray warning light to be controlled via the equipment operation. However, due to urgent clinical need, until the contactor is available a temporary switching arrangement should be installed. Cost of contactor and interim switching arrangement to allocated to PMI 328.</p> <p>30/07/2015 DH noted that there was a meeting with GE scheduled to take place the following day. DH noted that this item would be charged against the Group 5 costs and not PMI 328.</p> <p>13/08/2015 GA advised that the contractor is due on site w/c 10/08/2015</p> <p>27/08/2015 DW advised that the operative was meant to be currently onsite. The part had been provided to IDM as free issue for them to fit. PM agreed to provide a CE. GW noted that the costs had been uploaded.</p> <p>17/09/2015 Item closed as CE 143 issued</p>	09/09/2015
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	<p>21/07/2015 Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p>	

			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015 17/09/2015	PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood. PM advised that he would approve the drawings asap and agreed to provide the response via Aconex	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	27/07/2015	The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.	
			13/08/2015	Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works. GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.	
			27/08/2015	GW advised that he will get costs asap. GA advised that he would request that TDSL progress the works asap.	
			17/09/2015	Cost to be uploaded	
4174	PMI 430	QEUH HAEMATO ONCOLOGY WARD LEVEL 4 - 24 SINGLE ROOMS PRESSURE GAUGES	27/07/2015	Please establish feasibility of installing digital room pressure gauges in 24No single bedrooms as part of the current adaptations to ward. Gauges to be sourced and installed within current agreed timescale to complete the works. If these gauges cannot be procured then supply and install magnahelic gauges as previously proposed.	Cross ref CE 142
			30/07/2015	Digital gauges to be provided with alarm that sounds once room pressure drops below 5 pascals for 5 minutes, alarm can sound at room or at a central location. DW noted that there is a lot of design work involved in this PMI and DW would provide info re programme impacts the following day.	
			06/08/2015	PM advised that information had been added to the 'notes' section on Sypro.	
			13/08/2015	GW advised that this was currently being priced and PH was chasing this up.	
			27/08/2015	GW advised that the costs had been uploaded and noted that the cost of the actual gauges was expensive.	
			17/09/2015	It was agreed this item can be closed as CE 142 issued	



4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	11/08/2015  27/08/2015  17/09/2015	Please provide proposals and a cost for the following; a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing. b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch. GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained. <b>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</b>	
4357	PMI 433 -	Power supply for Gas Solenoid (Mop Wash)	12/08/2015  27/08/2015	Install a power supply for the Gas Solenoid valve (installed by others) and wire emergency stop button (to be free issued by NHS). Solenoid valve to be interfaced with building fire alarm system. <b>PM advised that he would provide a CE once the costs are known</b>	Cross ref CE 146 issued 17/09/2015
4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015 27/08/2015 17/09/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150 Costs uploaded, cross ref BMCL EWN 0160 <b>PM noted that he would review the cost info uploaded to Sypro. GA noted that it would be beneficial to deal with the BBGE costs asap and deal with any 'delay' matters separately.</b>	
4366	PMI 435 -	Escape Door Set - Core E - level 2 - Swipe Card	13/08/2015  27/08/2015 17/09/2015	This escape door set has been fitted with maglocks but no swipe card operation panel. The Board request a cost to complete the installation with swipe card reader on stairwell side of door and maglock disengage on energisation of full fire alarm. (See attached drawing for specific location) GB advised that he would check the door drawings <b>PM to review costs info uploaded to Sypro and issue CE</b>	Cross ref CE 148 issued 22/09/2015
4455	PMI 436	ADULT HOSPITAL LEVEL 4 WARD B HAEMATO ONCOLOGY - AIR PERMEABILITY TEST	28/08/2015  17/09/2015	Proceed and undertake air permeability tests to 24 rooms and en suites in this ward and provide formal report prior to final handover to Board. Please provide cost for same. <b>PM to issue CE</b>	Cross ref CE 147 issued 17/09/2015
4467	PMI 437 -	Mop wash floor - painting	03/09/2015  17/09/2015	The Board request a price for the painting of the Mop Wash floor as a result of works carried out und PMI 433 (Power Supply for Gas Solenoid Valve and request from Infection Control to have a sealed floor.) <b>DW suggested that the NHS Estates may already have painted the floor and GF agreed to investigate</b>	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE DOORS HOLD OPEN STAYS	17/09/2015	Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels.	



4546	PMI 439	ADULT HOSPITAL - STRUCTURAL TERTIARY BLINDS REPAIRS	17/09/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p>	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015	<p>Please provide a cost to change the names of hospitals on system.</p> <p>Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children.</p>	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015	<p>Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.</p> <p>Please provide product data and costs to install in all rooms within unit where sprinkler system installed.</p>	
4591	PMI 442	Stage 3a / Neurosurgery Works - Principle Designer	23/09/2015	<p>Due to the changes in the CDM Regulations the Board requests Brookfield to undertake the role of Principle Designer as noted with the revised regulations. This role is to be discharged on the works as noted below;</p> <ol style="list-style-type: none"> <li>1. Neurosurgery Entrance</li> <li>2. Neurosurgery Overcladding</li> <li>3. Stage 3A Works (Landscaping, Demolitions)</li> </ol>	For discussion at EW Meeting 24/09/2015

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16612	CE 144	NCH Cath Lab Suite – Laser flaps to doors	28/08/2015	<p>Installation of laser flaps on doors in three theatres by transfer of flaps from the NCH cath lab suite</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT</p>	22/09/2015
16803	CE 145 -	ADULT HOSPITAL CORES A&B LEVELS 0,1 & 2 FIRE DOOR HOLD OPEN STAYS	17/09/2015	<p>Please proceed with works to supply and install hold open stays to fire doors in cores Arran and Bute on levels 0,1 &amp; 2 as set out in PMI 419.</p> <p>Agreed cost [REDACTED] incl. OH+P but excl VAT.</p>	
16805	CE 146	POWER SUPPLY FOR GAS SOLENOID VALVE (MOP WASH)	17/09/2015	<p>The Board confirm that BMCL should proceed and install a power supply to the gas solenoid valve for the Mop Wash area as per PMI 433.</p> <p>Agreed cost [REDACTED] incl OH+P but excl VAT.</p>	22/09/2015

A51679245

16807	CE 147	HAEMATO ONCOLOGY WARD L4B - AIR PERMEABILITY TESTS	17/09/2015	Please proceed and undertaken air permeability test to 24 single rooms as per PMI 436, submit report with test results to Board for review.  Agreed cost [REDACTED]	22/09/2015
16918	CE 148	ADULT HOSPITAL CORE E - LEVEL 2 ESCAPE DOORSET SWIPE CARD ENTRY SYSTEM	22/09/2015	The Board confirm you should proceed and complete installation to maglocks and swipe card reader to the double door set, fully commission and bring into use as per PMI 435.  Agreed cost [REDACTED] incl OH+P but excluding VAT.	
	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	

#### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) **DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the

witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015)

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a model (17/09/2015)
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015)
- Structural Blinds – BMCL to raise an EW regarding this. Discussed under NHS EW 057 (06/08/2015) PM to provide a PMI (17/09/2015)
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the

locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015)**



- Access & Maintenance Strategy for A&C – GB advised that this RDD doc needed to be returned as it was very overdue. GF advised that he had spoken to DH the previous week and that he would follow up the discussion (13/08/2015) GF agreed to liaise with DH re review and return of documents (27/08/2015) **GF noted that DHall had advised that he would have the review of the Access & Maintenance Strategy for A&C completed by 18/09/2015 ( 17/09/2015)**
- Overcladding works – GF noted that window film may need to be applied to windows at INS to allow patient dignity to be retained during the works. GF to draft a PMI for issue (27/08/2015) **GA advised that D&B had painted a protective coating onto the glass and requested that the NHS confirm that they are happy with the coating applied (privacy). If the NHS are ok with this coating then there will be no need for a PMI as this coating has been applied as part of the D&B Safety & Control measures. (17/09/2015)**
- PMI 423 - CHILDRENS HOSPITAL – MEDICINEMA. GW noted that this had been closed and removed from the tracker however GW had costs associated with this item. PM advised that as they doors had never been commissioned that there were no costs attributable to the NHS (27/08/2015)
- Vestibular Hook – GA advised that a walkround with DH had been carried out and it had been suggested that a PMI would be issued to BMCL for the reinstatement of the hoist, goal posts, etc. (17/09/2015)
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 23/09/2015:

<div style="text-align: right;">   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time. <b>GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p>	



				<p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
			21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
			28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
			04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
			11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
			25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p>	
			30/07/2015	<p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p>	
			05/08/2015	<p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p>	
			13/08/2015	<p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p>	
			27/08/2015	<p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p>	




			17/09/2015 24/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion. GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	22/07/2015      23/07/2015   30/07/2015 05/08/2015   13/08/2015 27/08/2015  17/09/2015	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings . PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3<sup>rd</sup>. PM noted that this item would not be able to be sorted in the next couple of weeks.</p> <p>PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26<sup>th</sup> January is</p>	

			24/09/2015	<p>not a line in the sand as at 26<sup>th</sup> January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26<sup>th</sup> January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3<sup>rd</sup> for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.</p> <p>GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p> <p>GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.</p> <p>GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].</p>	
26745	BMCL-EWN-161	HV connection	<p>07/09/2015</p> <p>17/09/2015</p>	<p>We have been trying for the last 2 weeks to arrange for the termination of the temporary HV connections to our old welfare area.</p> <p>The NHS HV appointed person we have been told to liaise with is Paul McAllister who is on night shift and will not be available until next Friday.</p> <p>Without the HV termination Land Engineering will be prevented from completing the SUDS tank below the Children's Park.</p> <p>As per their current programme we needed the isolation by Friday (04-09-15) which was not achieved. Although this will not stop all the works in the area it will prevent the SUDS completion as planned.</p> <p>We require an alternative appointed person who can deal with this as a matter of urgency.</p> <p>GA noted that there had been a meeting to discuss held the previous day and the isolations and disconnections had now been scheduled to take place on 30<sup>th</sup> September 2015. There is potentially time</p>	

			24/09/2015	<p>delay costs.</p> <p>GA noted that arrangements had been put in place and that the termination of the temp HV connections were to be removed by the 30/09/2015. GF noted that plans were still on programme for 30/09/2015.</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA noted that soft ground conditions had delayed the works i.e. it had taken over 1 week to do 4 piles and there had also been a failed test which meant that the test crew had to remobilised. The retest had confirmed that there was no issue with the pile and the test equipment had been faulty. GA noted that the programme had been rescheduled and re-issued.</p> <p>DH noted the comment made at the previous meeting regarding the soft ground conditions and enquired if the ground conditions could not have been anticipated as were different from elsewhere and GA confirmed that the ground conditions could not have been anticipated.</p>	
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>DH noted that BMCL knew about the slab and GA acknowledged that whilst the slab was known the extent/scope of the slab was not known.</p>	
26766	BMCL-EWN-164	Delay in Asbestos removal	<p>10/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would</p>	

				organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8 <sup>th</sup> October) that the demolitions could at least start on the 8 <sup>th</sup> October and GA agreed to review and confirm back.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 23/09/2015

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by	


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			23/07/2015	10 <sup>th</sup> June. The replacement panels for remediation were currently awaited. FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
			30/07/2015	FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
26955	NHS EWN 060	Stage 3 A Demolitions- Water Main-Hydrants	22/09/2015	BMCL previously requested that all building services, including water mains/fire hydrant's within the Stage 3A buildings to be demolished ,areas were to be isolated and capped. The Board complied with this with respect to water mains/hydrant supplies . Diversions ,bypasses and temporary reduced flow supplies for the asbestos removal works have been put in place to allow this to happen at agreed handover dates and this has been done in liaison with the NHS Estates Department to ensure that there is no legionella (dead leg, low circulating) flow risk to the new and retained hospital facilities.  BMCL verbally asked for water mains to be reconnected in August 15 and provided the detail of the required hydrants on 16th September 2015. The NHS will progress this request asap and is meeting with NHS Operational Estates to propose a scheme that will allow the hydrants to be reconnected at full flow	

			24/09/2015	<p>and used at no contamination risk to the existing hospitals. It is expected that work will require to be undertaken to deliver this.</p> <p>This could delay the handover of the Stage 3A demolitions site and also result in additional expenditure by the Board to enable.</p> <p><b>It was agreed that this EW could be closed. BMCL can work without the hydrants being reconnected.</b></p>	
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### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 23/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3387	PMI 343	NSGH Basement – Estates Workshop Fit Out	16/02/2015 19/02.2015 26/02/2015 05/03/2015 12/03/2015 19/03/2015 26/03/2015 02/04/2015 22/04/2015 30/04/2015 07/05/2015 14/05/2015	<p>Please provide cost for fit out of shell space FMB-003 for the use of an estates workshop. Board have confirmed they wish to proceed with design and costing work even if the works cannot be completed before 31<sup>st</sup> March 2015, BMCE to take forward.</p> <p>GW advised that BMCL are awaiting fees from Wallace Whittle but it is understood that responses to RFIs are outstanding in order to proceed. BMCL have been engaging with suppliers however 31<sup>st</sup> March completion date is doubtful.</p> <p>GW advised that cost info had been uploaded on 04/03/2015. PM enquired if the design work had commenced. GW advised that the design work had not commenced as yet as BMCL are awaiting an instruction. PM agreed to discuss with IP.</p> <p>DH advised that GB is to apply for a warrant. DP noted that the number of air changes has been increased.</p> <p>DP advised that the design had been received. BMCL have put queries to WW and information is expected back early w/c 23/03/2015</p> <p>DP advised that the design is due to be provided imminently.</p> <p>DP advised that done drawings, tied into 1, same as stores as sits in same area. GW advised that he had received the fee from Nightingale and would pass to the NHS asap.</p> <p>PM and DL to discuss/agree the way forward asap.</p> <p>PM advised that information is with IP. DW advised that there is a link between the ventilation for this item and the retail units and if do not go ahead with would need to check what can be done re ventilation. PM enquired if a blanking plate could be put on and DW advised that a blanking plate could be put on and BMCL would review what could be done. PM advised that this item would not be concluded quickly.</p> <p>PM advised that the information is with IP for review.</p> <p>DH noted that the basement workshop costs contained all the general works for the retail fit-outs. DW noted that the design was linked together and he hadn't realised that the cost had all been placed against this item. DH noted that the costs needed to be attributed appropriately.</p>	24/09/2015

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			21/05/2015	SF to organise meeting. PM suggested that misinformation about the vent system had been received. DW suggested that a blanking plate could be used – would use a spigot. GW advised that the allocation of costs was now understood. GW is awaiting a further discussion with DR re value for money for the Board	
			04/06/2015	DH noted that CG had confirmed that the BMCL retail unit works had been completed. Instruction to be given to BMCL to progress.	
			11/06/2015	GW advised that he had rechecked the costs and he thinks that the costs are correct.	
			25/06/2015	DW noted that minimal works have been commenced.	
			06/08/2015	DL advised that he would discuss the way forward with PM and thereafter confirm way forward to BMCL (next week).	
			24/09/2015	PM advised that this PMI could be closed as the item was not being further progressed at this time.	
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.  At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.	
			21/05/2015	It was agreed that BMCL will liaise with Siemens	
			28/05/2015	FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.	
			04/06/2015	FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.	
			11/06/2015	GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.	
			25/06/2015	PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.	
			23/07/2015	FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.	
			30/07/2015	PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.	
			06/08/2015	GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should	



			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015</p> <p>25/06/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>GW advised that BMCL were preparing pricing.</p> <p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>GW noted this is WIP.</p> <p>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>GW noted that costs had been uploaded for NHS review.</p> <p>PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.</p> <p>PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p>	

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			<p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"><li>• 10-12 air changes hour</li><li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li><li>• Propose solution to seal ceilings with current grid arrangement.</li><li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li></ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
	23/07/2015		<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
	30/07/2015		<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p>	
	06/08/2015		<p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their</p>	

			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p>	<p>drawing sign-offs. DL suggested that a separate commercial discussion would be required. PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p> <p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p> <p>GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p> <p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>GA advised that the installation is due to commence the following week.</p> <p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been</p>	

			17/09/2015	complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED]. GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.	
			24/09/2015	PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.  Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUIH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.  Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column enclosure. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.  3D image to be prepared of design for approval.	
			30/07/2015	Refer attached sketch.	
			06/08/2015	GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.	
			13/08/2015	Consideration being given to options for infill panels. Positioning of bike stands under consideration.	
			27/08/2015	GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.	
			17/09/2015	PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.	
			24/09/2015	PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap. PM advised that he had received drawings (re screens) and had circulated to DL, etc. GB noted that the Sheffield Stand drawings would be provided asap. PM advised that he would issue a CE for the Sheffield Stands as soon as the drawings are provided to him.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.  The names for the new hospitals are;  The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow	

			<p>23/07/2015 30/07/2015 06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015 17/09/2015</p> <p>24/09/2015</p>	<p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p> <p>PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p>	
4173	PMI 429	QEUH LEVEL 4 WARD B - ROOM HOW 039 HAND DOOR SWING	<p>27/07/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>The Board request a cost to have the door changed from a right hand opening to a left hand opening with an integrated hold open device linked to the fire system. Also remove or disengage the digital lock. Confirm that existing door should be re-used with some cosmetic work required.</p> <p>Note this work to be priced and subject to approval completed within the timetable for the ward upgrade works.</p> <p>GW advised that PH is reviewing the costs. GA advised that TDSL are on site at the moment and it would be helpful if they could undertake these works while they are currently on site.</p> <p>GW advised that he will get costs asap. GA advised that he would request that TDSL progress the works asap.</p> <p>Cost to be uploaded</p> <p>PM noted that the CE had been issued and costs to be agreed.</p>	Cross ref CE 150
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p> <p>GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.</p> <p>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</p> <p>GA advised that he had received a price which had been passed to LJ/GW for checking and upload.</p>	

4363	PMI 434 -	Mobilisation & demobilisation of piling rig	12/08/2015 13/08/2015 27/08/2015 17/09/2015  24/09/2015	The Board request the provision of quotation for the remobilisation and subsequent demobilisation of the Piling Rig required to carryout the piling works associated with the Maternity VIE. Cross reference discussion in BMCL-EWN-0150 Costs uploaded, cross ref BMCL EWN 0160 PM noted that he would review the cost info uploaded to Sypro. GA noted that it would be beneficial to deal with the BBGE costs asap and deal with any 'delay' matters separately. <b>PM noted that CE 149 had been issued therefore PMI could be closed</b>	Cross ref CE 149
4467	PMI 437 -	Mop wash floor - painting	03/09/2015  17/09/2015  24/09/2015	The Board request a price for the painting of the Mop Wash floor as a result of works carried out und PMI 433 (Power Supply for Gas Solenoid Valve and request from Infection Control to have a sealed floor.) DW suggested that the NHS Estates may already have painted the floor and GF agreed to investigate <b>DH noted that he had understood that the Estates Dept had painted the floor. There had been an expectation that if there is a hole being put in the floor that the floor would be reinstated to a reasonable finish. GF advised that he would organise to meet with Infection Control colleagues to review.</b>	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE DOORS HOLD OPEN STAYS	17/09/2015  24/09/2015	Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels. <b>PM advised that he would liaise with Billy Hunter and confirm the way forward.</b>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015	Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.  Please provide unit cost for repairs as follows; a) Repair wand connection and bring blind back into full operation. b) Repair blind cord at head where has been pulled externally and bring blind back into full operation. c) Repair blind in space where has dropped or jammed and bring blind back into full operation.  It is understood that around 70 locations are affected.	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015  24/09/2015	Please provide a cost to change the names of hospitals on system.  Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. <b>GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha.</b>	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015	Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.  Please provide product data and costs to install in all rooms within unit where sprinkler system installed.	

			24/09/2015	DW agreed to check if cages could be put onto the heads.	
4591	PMI 442	Stage 3a / Neurosurgery Works - Principle Designer	23/09/2015  24/09/2015	Due to the changes in the CDM Regulations the Board requests Brookfield to undertake the role of Principle Designer as noted with the revised regulations. This role is to be discharged on the works as noted below; 1. Neurosurgery Entrance 2. Neurosurgery Overcladding 3. Stage 3A Works (Landscaping, Demolitions) GB advised that BMCL had been enquiring about the Principle Designer role internally. BMCL London have a Principle Designer role and that there is specific wording which needs to be agreed for the role to be undertaken on the works itemised above. DH noted that another F10 would need to be issued however this could be carried out online and was reasonably easy to do. PM enquired if the NHS could contract a Principle Contractor as having a London based rep may not be ideal. DH advised that C&B could appoint Aecom on behalf of the NHS. GA enquired about the Stage 3 ongoing PMIs. DH advised that the PMI works would need to be considered against the criteria i.e. single trade/less than 500 man days, etc then it is ok to go ahead with these works.	For discussion at EW Meeting 24/09/2015
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:  <a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a>  Allowance to be included for boxing in the vertical posts and altering the wall padding.	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	25/09/2015	The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
16961	CE 150	QEUH LEVEL 4 WARD B - ROOM HOW039 HAND DOOR SWING	24/09/2015	Proceed and hand existing door to this room and adapt existing ironmongery as required. Install new hold open stay with magnet linked to fire alarm system, to close on energisation.	

Other items that require discussion:  
A51679245



- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015) **DW advised that the panel is not as yet connected and that BMCL had issued an EW to Land Eng so that BMCL can recover costs and instruct Mercury to connect the panel. (24/09/2015)**
- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015.(19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford

has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (34/09/2015)

- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a physical model (17/09/2015) GB noted that BMCL are awaiting the written output (24/09/2015)
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015)
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) GW to liaise with GB re marking up a drawing (27/08/2015) PM noted that drawing to be provided by GW and requested that the drawing be provided before the end of October (24/09/2015)
- PMI 423 - CHILDRENS HOSPITAL – MEDICINEMA. GW noted that this had been closed and removed from the tracker however GW had costs associated with this item. PM advised that as they doors had never been commissioned that there were no costs attributable to the NHS (27/08/2015)
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this in now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015)

- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015)
- Machair buy-out – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015)
- NCH Theatre – it was noted that Mercury were to look at alternate ducting as the theatre is over heating due to heat from cabinets. DW requested that a PMI be issued for this matter (24/09/2015) PMI 445 was issued on 25/09/2015 therefore item closed



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 07/10/2015:

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<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time. GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review. <b>GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p>	

			<p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
		26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
		02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
		23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
		07/05/2015	GB noted that collation of the Building Warrants is WIP	
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
		04/06/2015	FS advised that GB is liaising with Mercury	
		11/06/2015	GB advised that this would be progressed once the works completed in the summer	
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
		05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
		13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	



			<p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p>	<p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3<sup>rd</sup>. PM noted that this item would not be able to be sorted in the next couple of weeks.</p> <p>PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested</p>	




			<p>24/09/2015</p> <p>01/10/2015</p>	<p>that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26<sup>th</sup> January is not a line in the sand as at 26<sup>th</sup> January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26<sup>th</sup> January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3<sup>rd</sup> for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping. GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.</p> <p>GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p> <p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p> <p>GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.</p> <p>GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].</p> <p>GA noted that GW was to confirm the value.</p>	

26745	BMCL-EWN-161	HV connection	07/09/2015	<p>We have been trying for the last 2 weeks to arrange for the termination of the temporary HV connections to our old welfare area.</p> <p>The NHS HV appointed person we have been told to liaise with is Paul McAllister who is on night shift and will not be available until next Friday.</p> <p>Without the HV termination Land Engineering will be prevented from completing the SUDS tank below the Children's Park.</p> <p>As per their current programme we needed the isolation by Friday (04-09-15) which was not achieved. Although this will not stop all the works in the area it will prevent the SUDS completion as planned.</p> <p>We require an alternative appointed person who can deal with this as a matter of urgency.</p>	
			17/09/2015	GA noted that there had been a meeting to discuss held the previous day and the isolations and disconnections had now been scheduled to take place on 30 <sup>th</sup> September 2015. There is potentially time delay costs.	
			24/09/2015	GA noted that arrangements had been put in place and that the termination of the temp HV connections were to be removed by the 30/09/2015. GF noted that plans were still on programme for 30/09/2015.	
			01/10/2015	GA noted that the HV connection in the NCH park had now been removed and Land Eng were ongoing with the works. It was agreed this item could be closed.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.	
			17/09/2015	GA noted that soft ground conditions had delayed the works i.e. it had taken over 1 week to do 4 piles and there had also been a failed test which meant that the test crew had to remobilised. The retest had confirmed that there was no issue with the pile and the test equipment had been faulty. GA noted that the programme had been rescheduled and re-issued.	
			24/09/2015	DH noted the comment made at the previous meeting regarding the soft ground conditions and enquired if the ground conditions could not have been anticipated as were different from elsewhere and GA confirmed that the ground conditions could not have been anticipated.	
			01/10/2015	GA advised that a revised programme had been issued	
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.	
			17/09/2015	GA noted that this had cost Land Eng a 1 week delay to the programme.	
			24/09/2015	DH noted that BMCL knew about the slab and GA acknowledged that whilst the slab was known the extent/scope of the slab was not known.	
			01/10/2015	GA advised that a revised programme had been issued	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.	
			17/09/2015	GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos	

			<p>24/09/2015</p> <p>Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 07/10/2015

					
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the	

			30/07/2015	blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/010/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 23/09/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane	

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			<p>and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>21/05/2015 It was agreed that BMCL will liaise with Siemens</p> <p>28/05/2015 FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>04/06/2015 FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>11/06/2015 GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>25/06/2015 PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>23/07/2015 FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>30/07/2015 PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>06/08/2015 GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>13/08/2015 GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>27/08/2015 GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>17/09/2015 GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>24/09/2015 PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>01/10/2015 GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p>	
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3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) - Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>25/06/2015 PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>23/07/2015 GW advised that BMCL were preparing pricing.</p> <p>30/07/2015 GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>06/08/2015 GW noted this is WIP.</p> <p>13/08/2015 PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>27/08/2015 GW noted that costs had been uploaded for NHS review.</p> <p>17/09/2015 PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.</p> <p>24/09/2015 PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.</p> <p>01/10/2015 GW advised that he was awaiting Land Eng to break down the costs</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows;</p> <p>Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows;</i></p> <p><i>Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>10-12 air changes hour</i></li> <li><i>Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and</i></li> </ul>	



			<p><i>between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></p> <ul style="list-style-type: none"> <li><i>Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</i></p> <p><i>Please organise an preliminary meeting with design team and Board to establish scope in more detail.</i></p> <p><i>(Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
		23/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
		30/07/2015	<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p>	
		06/08/2015	<p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p>	
		13/08/2015	<p>PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p>	
		27/08/2015	<p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p>	
		17/09/2015	<p>GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit</p>	



				galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasure. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p>	
			30/07/2015	Refer attached sketch.	
			06/08/2015	GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.	
			13/08/2015	Consideration being given to options for infill panels. Positioning of bike stands under consideration.	
			27/08/2015	GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.	
			17/09/2015	PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.	
			24/09/2015	PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap.	
			01/10/2015	PM advised that he had received drawings (re screens) and had circulated to DL, etc. GB noted that the Sheffield Stand drawings would be provided asap. PM advised that he would issue a CE for the Sheffield Stands as soon as the drawings are provided to him.	
				GB advised that the Bike Stand and Shelter information had been sent to PM for review via Aconex	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as</p>	

			<p>23/07/2015 30/07/2015 06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015 17/09/2015</p> <p>24/09/2015</p> <p>01/010/2015</p>	<p>per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p> <p>PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p>	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p> <p>GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.</p> <p>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</p> <p>GA advised that he had received a price which had been passed to LJ/GW for checking and upload.</p> <p>GW advised that LJ was finalising the information for upload later that day.</p>	
4467	PMI 437 -	Mop wash floor - painting	<p>03/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/010/2015</p>	<p>The Board request a price for the painting of the Mop Wash floor as a result of works carried out und PMI 433 (Power Supply for Gas Solenoid Valve and request from Infection Control to have a sealed floor.)</p> <p>DW suggested that the NHS Estates may already have painted the floor and GF agreed to investigate</p> <p>DH noted that he had understood that the Estates Dept had painted the floor. There had been an expectation that if there is a hole being put in the floor that the floor would be reinstated to a reasonable finish. GF advised that he would organise to meet with Infection Control colleagues to review.</p> <p>GW noted this item should be closed. BMCL did not think that the NHS Estates had applied the correct epoxy coating and did not think it was fit for purpose. GF advised that he would speak to</p>	

				PM regarding the way forward.	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE DOORS HOLD OPEN STAYS	17/09/2015  24/09/2015 01/10/2015	Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels. PM advised that he would liaise with Billy Hunter and confirm the way forward. PM to provide feedback.	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015        01/10/2015	Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.  Please provide unit cost for repairs as follows; a) Repair wand connection and bring blind back into full operation. b) Repair blind cord at head where has been pulled externally and bring blind back into full operation. c) Repair blind in space where has dropped or jammed and bring blind back into full operation.  It is understood that around 70 locations are affected. GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015  24/09/2015  01/10/2015	Please provide a cost to change the names of hospitals on system.  Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha. SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes.	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015  24/09/2015 01/10/2015	Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.  Please provide product data and costs to install in all rooms within unit where sprinkler system installed. DW agreed to check if cages could be put onto the heads. DW noted that the head installed suits the ceiling so it isn't as simple as putting a cage on it. Mercury are looking at whether there is potential to put a grille over it.	
4591	PMI 442	Stage 3a / Neurosurgery Works - Principle Designer	23/09/2015  24/09/2015	Due to the changes in the CDM Regulations the Board requests Brookfield to undertake the role of Principle Designer as noted with the revised regulations. This role is to be discharged on the works as noted below; 1. Neurosurgery Entrance 2. Neurosurgery Overcladding 3. Stage 3A Works (Landscaping, Demolitions) GB advised that BMCL had been enquiring about the Principle Designer role internally. BMCL London have a Principle Designer role and that there is specific wording which needs to be agreed	For discussion at EW Meeting 24/09/2015

			01/10/2015	for the role to be undertaken on the works itemised above. DH noted that another F10 would need to be issued however this could be carried out online and was reasonably easy to do. PM enquired if the NHS could contract a Principle Contractor as having a London based rep may not be ideal. DH advised that C&B could appoint Aecom on behalf of the NHS. GA enquired about the Stage 3 ongoing PMIs. DH advised that the PMI works would need to be considers against the criteria i.e. single trade/less than 500 man days, etc then it is ok to go ahead with these works. GW advised this item is work in progress to pull together the information for NHS review. GF agreed to liaise with PM to confirm the way forward.	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015  01/10/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:  <a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a>  Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	25/09/2015  01/10/2015	The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets GW noted that the costing is ongoing	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
16961	CE 150	QEUH LEVEL 4 WARD B - ROOM HOW039 HAND DOOR SWING	24/09/2015	Proceed and hand existing door to this room and adapt existing ironmongery as required. Install new hold open stay with magnet linked to fire alarm system, to close on energisation.	

### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS



(08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015) DW advised that the panel is not as yet connected and that BMCL had issued an EW to Land Eng so that BMCL can recover costs and instruct Mercury to connect the panel. (24/09/2015) **GA advised that BMCL will remove the valve in the manhole and obtain a valve that is compatible with decontamination needs (01/10/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) **DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015)**



- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a physical model (17/09/2015) GB noted that BMCL are awaiting the written output (24/09/2015) **GB noted that the report is currently being finalised and he suggested that this would be in the next completed within the next couple of weeks (01/10/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) **DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015) PM noted that drawing to be provided by GW and requested that the drawing be provided before the end of October (24/09/2015)**
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) **PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015)**

- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015)
- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) DW advised that all the information had been uploaded to Zutec however he would liaise with LM to ascertain what information she was requesting (01/10/2015)
- NCH Theatre – it was noted that Mercury were to look at alternate ducting as the theatre is over heating due to heat from cabinets. DW requested that a PMI be issued for this matter (24/09/2015) PMI 445 was issued on 25/09/2015 therefore item closed
- Car Park 4 Surface Car Park re JMP Traffic Report – GB noted that he was awaiting an update on progress. GB mentioned that the Building Control process could take ¾ months and enquired whether BMCL should commence the process now (01/10/2015)
- Fire drawings – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 21/10/2015:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 21/10/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time. GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review. GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this. <b>GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets</p>	

			<p>PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
		26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
		02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
		23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
		30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
		07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
		14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
		21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
		28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
		04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
		11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
		25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p>	
		30/07/2015	<p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p>	
		05/08/2015	<p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p>	

			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings . PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay</p>	


			17/09/2015	1/3 <sup>rd</sup> . PM noted that this item would not be able to be sorted in the next couple of weeks. PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26 <sup>th</sup> January is not a line in the sand as at 26 <sup>th</sup> January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26 <sup>th</sup> January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3 <sup>rd</sup> for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.	
			24/09/2015	GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.	
			01/10/2015	GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.	
			08/10/2015	GA advised that he would organise a meeting after the school holiday period.	
26405	BMCL-EWN-160	Delays to piling at VIE2	10/08/2015	Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.  The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.  Actions required;  1. Please provide a PMI to stand down works. 2. Provide asbestos clearance certificate for solemn of Maternity Building 3. Confirm acceptance of medical gas design 4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS & BM	
			13/08/2015	GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].	
			27/08/2015	Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.	
			17/09/2015	GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.	
			24/09/2015	GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].	
			01/10/2015	GA noted that GW was to confirm the value.	



26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK	

			01/10/2015	(programmed for 8 <sup>th</sup> October) that the demolitions could at least start on the 8 <sup>th</sup> October and GA agreed to review and confirm back. GA advised that Central Demolition have been arranged to start on site on 12 <sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.	
			08/10/2015	GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1 <sup>st</sup> phase works. BMCL are also awaiting information about the underground services.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 21/10/2015

							
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.			
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report			
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.			
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.			


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			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap the programme indicates the works finishing in 3 weeks.
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.
			30/07/2015	FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had

			24/09/2015 01/10/2015 08/10/2015	<p>been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
27446	NHS EWN 061	Neurosurgery Entrance - Ground Floor Concrete Pour	20/10/2015	<p>Further to discussions on 20th October please confirm revised date for the ground floor concrete pour to allow notification to end users etc.</p> <p>Based on yesterday's progress to date on site I'm concerned that we will miss this week and it will be w/c 26th before this is carried out.</p> <p>Please provide an indication of any impact to programme.</p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 21/10/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015       21/05/2015 28/05/2015 04/06/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p>	

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			<p>11/06/2015 GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>25/06/2015 PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>23/07/2015 FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>30/07/2015 PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>06/08/2015 GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>13/08/2015 GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>27/08/2015 GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>17/09/2015 GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>24/09/2015 PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>01/010/2015 GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p> <p>08/10/2015 GA noted that costs are awaited from Land Eng.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015 Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>25/06/2015 PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>23/07/2015 GW advised that BMCL were preparing pricing.</p>	

			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective. GW noted this is WIP.</p> <p>PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p> <p>GW noted that costs had been uploaded for NHS review.</p> <p>PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.</p> <p>PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.</p> <p>GW advised that he was awaiting Land Eng to break down the costs</p> <p>GA noted that cost breakdown is awaited from Land Eng.</p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p> <p>23/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p>Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</p> <p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying</p>	



			<p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p> <p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.</p> <p>PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.</p> <p>PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.</p> <p>PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.</p> <p>GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.</p> <p>GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item.</p> <p>GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21<sup>st</sup> October 2015. If nurses require training then further training would be arranged.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	07/07/2015	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake</p>	



				<p>review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p> <p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>23/07/2015 Notify Board team once sample prepared for review.</p> <p>30/07/2015 FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p> <p>06/08/2015 PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>13/08/2015 GA advised that the installation is due to commence the following week.</p> <p>27/08/2015 GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p> <p>17/09/2015 GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.</p> <p>24/09/2015 PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.</p> <p>01/10/2015 GA advised that BMCL are awaiting information from Land Engineer regarding in relation to the galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.</p> <p>08/10/2015 GA advised that BMCL are awaiting copy of the invoice from Land Eng.</p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p>	

			<p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p> <p>Refer attached sketch.</p> <p>30/07/2015 GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p> <p>06/08/2015 Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>13/08/2015 GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>27/08/2015 PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p> <p>17/09/2015 PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap.</p> <p>24/09/2015 PM advised that he had received drawings (re screens) and had circulated to DL, etc. GB noted that the Sheffield Stand drawings would be provided asap. PM advised that he would issue a CE for the Sheffield Stands as soon as the drawings are provided to him.</p> <p>01/10/2015 GB advised that the Bike Stand and Shelter information had been sent to PM for review via Aconex</p> <p>08/10/2015 <b>PM to review the information issued via Aconex and confirm way forward.</b></p>	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	<p>21/07/2015 Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>23/07/2015 Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>30/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>06/08/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be</p>	

			<p>27/08/2015 17/09/2015</p> <p>24/09/2015</p> <p>01/010/2015 08/10/2015</p>	<p>commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood. PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p>	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015 08/10/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p> <p>GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.</p> <p>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</p> <p>GA advised that he had received a price which had been passed to LJ/GW for checking and upload.</p> <p>GW advised that LJ was finalising the information for upload later that day.</p> <p>GA noted that the cost information had been uploaded by LJ.</p>	
4467	PMI 437 -	Mop wash floor - painting	<p>03/092015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/010/2015</p> <p>08/10/2015</p>	<p>The Board request a price for the painting of the Mop Wash floor as a result of works carried out und PMI 433 (Power Supply for Gas Solenoid Valve and request from Infection Control to have a sealed floor.)</p> <p>DW suggested that the NHS Estates may already have painted the floor and GF agreed to investigate</p> <p>DH noted that he had understood that the Estates Dept had painted the floor. There had been an expectation that if there is a hole being put in the floor that the floor would be reinstated to a reasonable finish. GF advised that he would organise to meet with Infection Control colleagues to review.</p> <p>GW noted this item should be closed. BMCL did not think that the NHS Estates had applied the correct epoxy coating and did not think it was fit for purpose. GF advised that he would speak to PM regarding the way forward.</p> <p>Item closed for BMCL. NHS will progress. PMI to be cancelled.</p>	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE	<p>17/09/2015</p> <p>24/09/2015</p>	<p>Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels.</p> <p>PM advised that he would liaise with Billy Hunter and confirm the way forward.</p>	

		DOORS HOLD OPEN STAYS	01/10/2015	PM to provide feedback.	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015        01/10/2015  08/10/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon.</p>	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015   24/09/2015   01/10/2015	<p>Please provide a cost to change the names of hospitals on system.</p> <p>Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children.</p> <p>GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha.</p> <p>SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes.</p>	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015   24/09/2015  01/10/2015	<p>Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.</p> <p>Please provide product data and costs to install in all rooms within unit where sprinkler system installed.</p> <p>DW agreed to check if cages could be put onto the heads.</p> <p>DW noted that the head installed suits the ceiling so it isn't as simple as putting a cage on it. Mercury are looking at whether there is potential to put a grille over it.</p>	
4591	PMI 442	Stage 3a / Neurosurgery Works - Principle Designer	23/09/2015   24/09/2015	<p>Due to the changes in the CDM Regulations the Board requests Brookfield to undertake the role of Principle Designer as noted with the revised regulations. This role is to be discharged on the works as noted below;</p> <ol style="list-style-type: none"> <li>1. Neurosurgery Entrance</li> <li>2. Neurosurgery Overcladding</li> <li>3. Stage 3A Works (Landscaping, Demolitions)</li> </ol> <p>GB advised that BMCL had been enquiring about the Principle Designer role internally. BMCL London have a Principle Designer role and that there is specific wording which needs to be agreed for the role to be undertaken on the works itemised above. DH noted that another F10 would need to be issued however this could be carried out online and was reasonably easy to do. PM enquired</p>	

			01/10/2015 08/10/2015	<p>if the NHS could contract a Principle Contractor as having a London based rep may not be ideal. DH advised that C&amp;B could appoint Aecom on behalf of the NHS. GA enquired about the Stage 3 ongoing PMIs. DH advised that the PMI works would need to be considers against the criteria i.e. single trade/less than 500 man days, etc then it is ok to go ahead with these works.</p> <p>GW advised this item is work in progress to pull together the information for NHS review. GF agreed to liaise with PM to confirm the way forward.</p> <p>GF advised that he would email Currie &amp; Brown seeking confirmation that they are progressing with the Principal Contractor role. It was agreed this item could be closed.</p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015  01/10/2015 08/10/2015	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding.</p> <p>GW noted that the costing is ongoing</p> <p>GA noted that the information was with the design and cost teams</p>	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	25/09/2015 01/10/2015	<p>The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets</p> <p>GW noted that the costing is ongoing</p>	
4769	PMI 445	RTPI BUS SIGNS - PROVISION OF 4 No 6 AMP BREAKERS IN FP11	20/10/2015	<p>In feeder pillar FP11 please supply and install 4@6 amp 230v single phase breakers, these to be RCD, but if space does not permit can be RCBO's. Please proceed immediately with this work.</p> <p>Please supply and install 4@6 amp 230v single phase, these to be RCD, but if space does not permit can be RCBO's. Note the four supplies must not be linked to any to any device that controls operation by daylight (PIR) as the RTPI signs will be operational 24/7. Connections to the breakers will be made by the installer of the RTPI signage (CUBIC). Plan is to install signs in 2nd week November.</p>	
4793	PMI 446	ADULT HOSPITAL - WARD 4B ROOM HOW-208 CONNECTIONS TO FITTED WHB	21/10/2015	<p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please complete works by 29th October.</p> <p>The H&amp;CW services are piped to beneath the WHB and only require final flexi-connections. The waste bottle trap requires to be connected to the waste spigot installed by Brookfield.</p>	

4795	PMI 447 -	ADULT HOSPITAL LEVEL 1 CRITICAL CARE WARD 5 No. ISOLATION ROOMS	21/10/2015	Supply and fit stainless steel D-handles to 5 No doors as noted below. Fix D handles over existing stainless steel push plates to avoid repairs to doors.  To the larger main leaf of the penny farthing door set between the pressurised lobby and the single room, supply and install 1 No. st. steel D handle on the lobby side of the door. This side is currently fitted with a st. steel push plate. Please leave push plate in place and supply a D handle to sit over the plate so the handle and its fixing rose need to be larger than the overall length of the plate. Single bedroom room numbers are - CCW140; CCW-165; CCW-242; CCW-025 and CCW-111. Note these should only be fitted in locations where lever handles on both side of doors do NOT occur.	
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### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
16961	CE 150	QEUH LEVEL 4 WARD B - ROOM HOW039 HAND DOOR SWING	24/09/2015	Proceed and hand existing door to this room and adapt existing ironmongery as required. Install new hold open stay with magnet linked to fire alarm system, to close on energisation.	21/10/2015
17555	CE 151	QEUH - 20 No CYCLE STANDS AND ASSOCIATED SCREENS AT MAIN ENTRANCE	20/10/2015	Please proceed to procure and install stainless steel Sheffield style bike stands and associated screens as developed through PMI 426. Fixing for 20 No bike stands as per existing stands installed through contract. Spacing to be 850mm centre to centre of each stand. Provide screens as per revised design prepared by landscape architect.  Agreed cost [REDACTED] incl. of OH+P but exclusive of VAT. Cost split between Board risk and Endowment fund.	21/10/2015

### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would



obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015) DW advised that the panel is not as yet connected and that BMCL had issued an EW to Land Eng so that BMCL can recover costs and instruct Mercury to connect the panel. (24/09/2015) GA advised that BMCL will remove the valve in the manhole and obtain a valve that is compatible with decontamination needs (01/10/2015) **GA advised that the valve in the manhole had been removed and been sent to Portsmouth to get the actuator fitted and valve calibrated. (8/10/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) **DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS



wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a physical model (17/09/2015) GB noted that BMCL are awaiting the written output (24/09/2015) **GB noted that the report is currently being finalised and he suggested that this would be in the next completed within the next couple of weeks (01/10/2015)**

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) **DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015) PM noted that drawing to be provided by GW and requested that the drawing be provided before the end of October (24/09/2015)**
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) **GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) **HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015)**

- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) DW advised that all the information had been uploaded to Zutec however he would liaise with LM to ascertain what information she was requesting (01/10/2015)
- Car Park 4 Surface Car Park re JMP Traffic Report – GB noted that he was awaiting an update on progress. GB mentioned that the Building Control process could take 3-4 months and enquired whether BMCL should commence the process now (01/10/2015)
- Fire drawings – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015). GF noted that a meeting was being arranged (08/10/2015)



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as at 28/10/2015:

The following Early Warnings have been submitted to the NHS Board and are awaiting decisions at 26/10/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time. GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review. GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this. GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>Work in progress</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p>	

			<p>PMI 347 – Change of materials  PMI 352 – additional electrical sockets  PMI 357 – additional water supplies  PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
		26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
		02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
		23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
		07/05/2015	GB noted that collation of the Building Warrants is WIP	
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
		04/06/2015	FS advised that GB is liaising with Mercury	
		11/06/2015	GB advised that this would be progressed once the works completed in the summer	
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design	

			<p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p>	<p>drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p>	

			27/08/2015	GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3 <sup>rd</sup> . PM noted that this item would not be able to be sorted in the next couple of weeks.	
			17/09/2015	PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26 <sup>th</sup> January is not a line in the sand as at 26 <sup>th</sup> January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26 <sup>th</sup> January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3 <sup>rd</sup> for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.	
			24/09/2015	GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.	
			01/10/2015	GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.	
			08/10/2015 22/10/2015	GA advised that he would organise a meeting after the school holiday period. <b>PM advised that this had been discussed at an earlier meeting with the Project Directors. PM understood that a quantum was to be identified.</b>	
26405	BMCL-EWN-160	Delays to piling at VIE2	10/08/2015	Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.  The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.  Actions required;  1. Please provide a PMI to stand down works. 2. Provide asbestos clearance certificate for solemn of Maternity Building 3. Confirm acceptance of medical gas design 4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS & BM	
			13/08/2015	GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].	
			27/08/2015	Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.	
			17/09/2015	GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.	



			24/09/2015	GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].	
			01/10/2015 22/10/2015	GA noted that GW was to confirm the value. PM advised that confirmation of the value is awaited.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would	

			<p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
27446	NHS EWN 061	Neurosurgery Entrance - Ground Floor Concrete Pour	<p>20/10/2015</p> <p>22/10/2015</p>	<p>Further to discussions on 20th October please confirm revised date for the ground floor concrete pour to allow notification to end users etc.</p> <p>Based on yesterday's progress to date on site I'm concerned that we will miss this week and it will be w/c 26th before this is carried out.</p> <p>Please provide an indication of any impact to programme.</p> <p>GB noted that the plate detail was to be concluded between the engineers (there had been a difference of opinion). Also, there had been an issue getting steel fixers. Rob Blady had updated GF.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 28/10/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p>	
			21/05/2015	It was agreed that BMCL will liaise with Siemens	
			28/05/2015	FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.	
			04/06/2015	FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.	
			11/06/2015	GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.	
			25/06/2015	PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.	
			23/07/2015	FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.	
			30/07/2015	PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.	
			06/08/2015	GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.	
			13/08/2015	GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.	
			27/08/2015	GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had	

			17/09/2015	advised that he would be carrying out a site walkround – feedback is awaited.	
			24/09/2015	GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.	
			01/10/2015	PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.	
			08/10/2015	GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.	
				GA noted that costs are awaited from Land Eng.	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	Please re-configure installed arrangement as follows.	
				Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.	
				Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.	
				Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.	
				Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.	
			25/06/2015	PM advised that he would liaise with JPhillips re doing the works at the weekend.	
			23/07/2015	GW advised that BMCL were preparing pricing.	
			30/07/2015	GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.	
			06/08/2015	GW noted this is WIP.	
			13/08/2015	PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.	
			27/08/2015	GW noted that costs had been uploaded for NHS review.	
			17/09/2015	PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.	
			24/09/2015	PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.	
			01/10/2015	GW advised that he was awaiting Land Eng to break down the costs	
			08/10/2015	GA noted that cost breakdown is awaited from Land Eng.	
			22/10/2015	PM noted that he had asked for additional info re	
				1- change to white lining	
				2- installation of new circuit	
				3- paving slabs in front of the feeder pillar	



				GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 6.	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>• 10-12 air changes hour</i></li> <li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li> <li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
			23/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
			30/07/2015	<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back –</p>	



			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted. PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required. PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing. PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests. GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item. GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item. GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21<sup>st</sup> October 2015. If nurses require training then further training would be arranged. PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p>	

			<p>23/07/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p> <p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>GA advised that the installation is due to commence the following week.</p> <p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p> <p>GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.</p> <p>PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.</p> <p>GA advised that BMCL are awaiting information from Land Engineer regarding in relation to the galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.</p> <p>GA advised that BMCL are awaiting copy of the invoice from Land Eng.</p> <p><b>GB noted that he was not aware of the invoice having been received by BMCL.</b></p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p>	

			<p>30/07/2015 Refer attached sketch. GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design.</p> <p>06/08/2015 Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>13/08/2015 GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>27/08/2015 PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p> <p>17/09/2015 PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap.</p> <p>24/09/2015 PM advised that he had received drawings (re screens) and had circulated to DL, etc. GB noted that the Sheffield Stand drawings would be provided asap. PM advised that he would issue a CE for the Sheffield Stands as soon as the drawings are provided to him.</p> <p>01/10/2015 GB advised that the Bike Stand and Shelter information had been sent to PM for review via Aconex</p> <p>08/10/2015 PM to review the information issued via Aconex and confirm way forward.</p> <p>22/10/2015 It was agreed that this item could be closed. CE 151 issued. GB noted that drawings re the shelters had been issued via Aconex for PM's review. PM agreed to review asap.</p>	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	<p>21/07/2015 Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via</p>	

			<p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p>	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p> <p>GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.</p> <p>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</p> <p>GA advised that he had received a price which had been passed to LJ/GW for checking and upload.</p> <p>GW advised that LJ was finalising the information for upload later that day.</p> <p>GA noted that the cost information had been uploaded by LJ.</p> <p>PM advised that this item could now be closed as the service were progressing with the works.</p>	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE DOORS HOLD OPEN STAYS	<p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>22/10/2015</p>	<p>Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels.</p> <p>PM advised that he would liaise with Billy Hunter and confirm the way forward.</p> <p>PM to provide feedback.</p> <p>PM advised this item was now cancelled.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	<p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types if repairs that are required and it was anticipated that the cost information would be</p>	

			22/10/2015	provided soon. PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015  24/09/2015  01/10/2015  22/10/2015	Please provide a cost to change the names of hospitals on system.  Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha. SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes. Feedback from Estates Dept awaited	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015  24/09/2015 01/10/2015  22/10/2015	Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.  Please provide product data and costs to install in all rooms within unit where sprinkler system installed. DW agreed to check if cages could be put onto the heads. DW noted that the head installed suits the ceiling so it isn't as simple as putting a cage on it. Mercury are looking at whether there is potential to put a grille over it. PM noted that the sprinkler head protection is only required in the soft play room. PM agreed to discuss with GDonnelly. It was agreed this item could be cancelled.	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015  01/10/2015 08/10/2015 22/10/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:  <a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a>  Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	25/09/2015  01/10/2015 22/10/2015	The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room.	
4769	PMI 445	RTPI BUS SIGNS - PROVISION OF 4 No 6 AMP BREAKERS IN FP11	20/10/2015	In feeder pillar FP11 please supply and install 4@6 amp 230v single phase breakers, these to be RCD, but if space does not permit can be RCBO's. Please proceed immediately with this work.  Please supply and install 4@6 amp 230v single phase, these to be RCD, but if space does not	

				<p>permit can be RCBO's. Note the four supplies must not be linked to any to any device that controls operation by daylight (PIR) as the RTPI signs will be operational 24/7. Connections to the breakers will be made by the installer of the RTPI signage (CUBIC). Plan is to install signs in 2nd week November.</p>	
4793	PMI 446	ADULT HOSPITAL - WARD 4B ROOM HOW-208 CONNECTIONS TO FITTED WHB	21/10/2015	<p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please complete works by 29th October.</p> <p>The H&amp;CW services are piped to beneath the WHB and only require final flexi-connections. The waste bottle trap requires to be connected to the waste spigot installed by Brookfield.</p> <p>** Additional note added to PMI ** - Flush system prior to final connection/liaise with Estates</p>	
4795	PMI 447 -	ADULT HOSPITAL LEVEL 1 CRITICAL CARE WARD 5 No. ISOLATION ROOMS	21/10/2015  22/10/2015	<p>Supply and fit stainless steel D-handles to 5 No doors as noted below. Fix D handles over existing stainless steel push plates to avoid repairs to doors.</p> <p>To the larger main leaf of the penny farthing door set between the pressurised lobby and the single room, supply and install 1 No. st. steel D handle on the lobby side of the door. This side is currently fitted with a st. steel push plate. Please leave push plate in place and supply a D handle to sit over the plate so the handle and its fixing rose need to be larger than the overall length of the plate. Single bedroom room numbers are - CCW140; CCW-165; CCW-242; CCW-025 and CCW-111. Note these should only be fitted in locations where lever handles on both side of doors do NOT occur.</p> <p>PM requested that GB check the Ironmongery schedule re door handles for the 10 isolation rooms as 5 isolation room doors have different handles from the other 5 isolation rooms. GB suggested that the ironmongery should have been consistent on all the isolation room doors.</p>	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015	<p>Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.</p> <p>Please contact Jim Harrigan to make arrangements for removal.</p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p>	



				The attachment is the area to be removed shown marked in blue.	
4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	

### Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015) DW advised that the panel is not as yet connected and that BMCL had issued an EW to Land Eng so that BMCL can recover costs and instruct Mercury to connect the panel. (24/09/2015) GA advised that BMCL will remove the valve in the manhole and obtain a valve that is compatible with decontamination needs (01/10/2015) GA advised that the valve in the manhole had been removed and been sent to Portsmouth to get the actuator fitted and valve calibrated. (8/10/2015)



- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) **DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a physical model (17/09/2015) GB noted that BMCL are awaiting the written output (24/09/2015) GB noted that the report is currently being finalised and he suggested that this would be in the next completed within the next couple of weeks (01/10/2015) **GB noted that the report should be available now and he would chase this up (22/10/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking

in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) **DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015)**

- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015) PM noted that drawing to be provided by GW and requested that the drawing be provided before the end of October (24/09/2015)**
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) **PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) **HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015)**
- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) **DW advised that all the information had been uploaded to Zutec however he would liaise with LM to ascertain what information she was requesting (01/10/2015)**
- Car Park 4 Surface Car Park re JMP Traffic Report – GB noted that he was awaiting an update on progress. GB mentioned that the Building Control process could take 3-4 months and enquired whether BMCL should commence the process now (01/10/2015) **PM noted that there was a meeting with JMP scheduled for 26/10/2015. (22/10/2015)**
- Fire Strategy drawings – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015). **GF noted that a meeting was being arranged (08/10/2015) GB noted that there was a meeting arranged for w/c 26<sup>th</sup> October 2015.**



			<p>26/03/2015 02/04/2015</p> <p>28/05/2015 25/06/2015</p> <p>30/07/2015</p> <p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>works. DL and PM to discuss PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE. Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept. DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be. GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done. GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off. GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week. GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time. GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review. GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this. GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>Work in progress</p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p>	

			<p>PMI 347 – Change of materials  PMI 352 – additional electrical sockets  PMI 357 – additional water supplies  PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
		26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
		02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
		23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
		07/05/2015	GB noted that collation of the Building Warrants is WIP	
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
		04/06/2015	FS advised that GB is liaising with Mercury	
		11/06/2015	GB advised that this would be progressed once the works completed in the summer	
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design	

			<p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p>	<p>drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p> <p>13/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works. GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p>	



			27/08/2015	GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3 <sup>rd</sup> . PM noted that this item would not be able to be sorted in the next couple of weeks.	
			17/09/2015	PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26 <sup>th</sup> January is not a line in the sand as at 26 <sup>th</sup> January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26 <sup>th</sup> January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3 <sup>rd</sup> for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.	
			24/09/2015	GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.	
			01/10/2015	GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.	
			08/10/2015 22/10/2015	GA advised that he would organise a meeting after the school holiday period. <b>PM advised that this had been discussed at an earlier meeting with the Project Directors. PM understood that a quantum was to be identified.</b>	
26405	BMCL-EWN-160	Delays to piling at VIE2	10/08/2015	Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.  The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.  Actions required;  1. Please provide a PMI to stand down works. 2. Provide asbestos clearance certificate for solemn of Maternity Building 3. Confirm acceptance of medical gas design 4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS & BM	
			13/08/2015	GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].	
			27/08/2015	Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.	
			17/09/2015	GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.	



			24/09/2015	GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].	
			01/10/2015 22/10/2015	GA noted that GW was to confirm the value. PM advised that confirmation of the value is awaited.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would	

			<p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
27446	NHS EWN 061	Neurosurgery Entrance - Ground Floor Concrete Pour	<p>20/10/2015</p> <p>22/10/2015</p>	<p>Further to discussions on 20th October please confirm revised date for the ground floor concrete pour to allow notification to end users etc.</p> <p>Based on yesterday's progress to date on site I'm concerned that we will miss this week and it will be w/c 26th before this is carried out.</p> <p>Please provide an indication of any impact to programme.</p> <p>GB noted that the plate detail was to be concluded between the engineers (there had been a difference of opinion). Also, there had been an issue getting steel fixers. Rob Blady had updated GF.</p>	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/11/2015

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p>	
			21/05/2015	It was agreed that BMCL will liaise with Siemens	
			28/05/2015	FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.	
			04/06/2015	FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.	
			11/06/2015	GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.	
			25/06/2015	PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.	
			23/07/2015	FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.	
			30/07/2015	PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.	
			06/08/2015	GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.	
			13/08/2015	GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.	
			27/08/2015	GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had	

			17/09/2015	advised that he would be carrying out a site walkround – feedback is awaited.	
			24/09/2015	GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.	
			01/10/2015	PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.	
			08/10/2015	GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.	
				GA noted that costs are awaited from Land Eng.	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	Please re-configure installed arrangement as follows.	
				Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.	
				Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.	
				Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.	
				Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.	
			25/06/2015	PM advised that he would liaise with JPhillips re doing the works at the weekend.	
			23/07/2015	GW advised that BMCL were preparing pricing.	
			30/07/2015	GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.	
			06/08/2015	GW noted this is WIP.	
			13/08/2015	PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.	
			27/08/2015	GW noted that costs had been uploaded for NHS review.	
			17/09/2015	PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.	
			24/09/2015	PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.	
			01/10/2015	GW advised that he was awaiting Land Eng to break down the costs	
			08/10/2015	GA noted that cost breakdown is awaited from Land Eng.	
			22/10/2015	PM noted that he had asked for additional info re	
				1- change to white lining	
				2- installation of new circuit	
				3- paving slabs in front of the feeder pillar	



				GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 6.	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	03/07/2015	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li><i>• 10-12 air changes hour</i></li> <li><i>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</i></li> <li><i>• Propose solution to seal ceilings with current grid arrangement.</i></li> <li><i>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</i></li> </ul> <p><i>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	
			23/07/2015	<p>PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27<sup>th</sup> May 2010 was a significant date.</p>	
			30/07/2015	<p>DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back –</p>	



			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted. PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1<sup>st</sup> element being due to the NHS and the 2<sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required. PM noted that there had been a few additions to this item (PMI 429 &amp; PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing. PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests. GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item. GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item. GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21<sup>st</sup> October 2015. If nurses require training then further training would be arranged. PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.</p>	
4042	PMI 425 -	EXTERNALS WORKS - TREE GRATINGS	<p>07/07/2015</p>	<p>The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.</p> <p>Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.</p> <p>Prepare a sample grating coated with Smartkote - Protectakote UVR, anti slip coating, colour - translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.</p>	

			<p>23/07/2015</p> <p>30/07/2015 06/08/2015</p> <p>13/08/2015 27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015 22/10/2015</p>	<p>Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a></p> <p>Notify Board team once sample prepared for review.</p> <p>FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.</p> <p>PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal. It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.</p> <p>GA advised that the installation is due to commence the following week.</p> <p>GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].</p> <p>GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.</p> <p>PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.</p> <p>GA advised that BMCL are awaiting information from Land Engineer regarding in relation to the galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.</p> <p>GA advised that BMCL are awaiting copy of the invoice from Land Eng.</p> <p><b>GB noted that he was not aware of the invoice having been received by BMCL.</b></p>	
4091	PMI 426 -	QUEEN ELIZABETH UNI. HOSPITAL - MAIN ENTRANCE AREA	20/07/2015	<p>Please undertake feasibility study to design (for approval) and establish cost to install 20 No 'Sheffield' type stainless steel bike stands and associated screens and frames.</p> <p>Base on the attached sketch, please prepare design and costs to install an additional 20 No stainless steel bike stands to match existing at the front entrance to the QEUH. Stand to be spaced as per existing and a suitable distance from face of building to allow bikes to be centred on stands but stop smokers standing between stands and face of building.</p> <p>Also prepare design for 4 No stainless steel post and screens ( 2 in location A and 2 in location B) to stop access to rear of adjacent column encasement. Frames to be stainless steel tube of similar diameter to bike stands and same finish, infill panel to be stainless steel perforated sheet. Hinged access panel to be provided for cleaning space.</p> <p>3D image to be prepared of design for approval.</p>	

			<p>30/07/2015 Refer attached sketch.</p> <p>06/08/2015 GB noted this item is WIP and Joanne will prepare a cost for providing a design. PM advised that this needed to be pushed on with and GB should instruct Joanne to progress with design. Consideration being given to options for infill panels. Positioning of bike stands under consideration.</p> <p>13/08/2015 GB advised that Joanne had visited the site the previous week and was progressing the drawings. GB would liaise with Joanne for an update.</p> <p>27/08/2015 PM advised that he would review the sketch asap. GB noted that he had received the design cost from Gillespies.</p> <p>17/09/2015 PM requested that a separate cost for the bicycle stands be provided so that the NHS could progress these asap.</p> <p>24/09/2015 PM advised that he had received drawings (re screens) and had circulated to DL, etc. GB noted that the Sheffield Stand drawings would be provided asap. PM advised that he would issue a CE for the Sheffield Stands as soon as the drawings are provided to him.</p> <p>01/10/2015 GB advised that the Bike Stand and Shelter information had been sent to PM for review via Aconex</p> <p>08/10/2015 PM to review the information issued via Aconex and confirm way forward.</p> <p>22/10/2015 It was agreed that this item could be closed. CE 151 issued. GB noted that drawings re the shelters had been issued via Aconex for PM's review. PM agreed to review asap.</p>	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS - WEST AND NORTH ENTRANCE TO BOULEVARD	<p>21/07/2015 Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that JMiller is investigating a way to connect the lights and he would ask JMiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to RCalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via</p>	

			<p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p>	
4351	PMI 432	CHILDRENS HOSPITAL LEVEL 4 DCFP EXTERNAL PLAY AREA	<p>11/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p>	<p>Please provide proposals and a cost for the following;</p> <p>a) close over 4 number window apertures with metal flush faced panels to either match surrounding silver cladding or in bright colours to match other play features and surfacing.</p> <p>b) Over extent of open garden to above, provide proposals to suspend netting to prevent balls exiting the play space area utilising stainless steel rope, bottle screws, D fittings to support light coloured net with mesh size between 75 and 100mm. Refer attached sketch.</p> <p>GB suggested that there be planning issues relating to this request. Pm noted that there was no change to the external face. GB noted that the cost info is yet to be obtained.</p> <p>It was noted that BMCL had reviewed this with the steel fabricator and costs should be available in the next couple of days.</p> <p>GA advised that he had received a price which had been passed to LJ/GW for checking and upload.</p> <p>GW advised that LJ was finalising the information for upload later that day.</p> <p>GA noted that the cost information had been uploaded by LJ.</p> <p>PM advised that this item could now be closed as the service were progressing with the works.</p>	
4545	PMI 438	ADULT HOSPITAL - STAIR/LIFT CORE C LEVELS 0,1 & 2 FIRE DOORS HOLD OPEN STAYS	<p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>22/10/2015</p>	<p>Please provide costs to supply and install hold open stays to double set of fire doors exiting this core on 3 levels.</p> <p>PM advised that he would liaise with Billy Hunter and confirm the way forward.</p> <p>PM to provide feedback.</p> <p>PM advised this item was now cancelled.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	<p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types if repairs that are required and it was anticipated that the cost information would be</p>	

			22/10/2015	provided soon. PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	17/09/2015  24/09/2015  01/10/2015  22/10/2015	Please provide a cost to change the names of hospitals on system.  Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha. SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes. Feedback from Estates Dept awaited	
4577	PMI 441 -	RHC LEVEL 4 DCFP - PROTECTION OF SPRINKLER HEADS IN PATIENT AREAS.	21/09/2015  24/09/2015 01/10/2015  22/10/2015	Please establish if there is a proprietary product on the market that can be installed over fire sprinkler heads to protect from impact of thrown objects such as balls shoes etc.  Please provide product data and costs to install in all rooms within unit where sprinkler system installed. DW agreed to check if cages could be put onto the heads. DW noted that the head installed suits the ceiling so it isn't as simple as putting a cage on it. Mercury are looking at whether there is potential to put a grille over it. PM noted that the sprinkler head protection is only required in the soft play room. PM agreed to discuss with GDonnelly. It was agreed this item could be cancelled.	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015  01/10/2015 08/10/2015 22/10/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:  <a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a>  Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	25/09/2015  01/10/2015 22/10/2015	The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room.	
4769	PMI 445	RTPI BUS SIGNS - PROVISION OF 4 No 6 AMP BREAKERS IN FP11	20/10/2015	In feeder pillar FP11 please supply and install 4@6 amp 230v single phase breakers, these to be RCD, but if space does not permit can be RCBO's. Please proceed immediately with this work.  Please supply and install 4@6 amp 230v single phase, these to be RCD, but if space does not	

				<p>permit can be RCBO's. Note the four supplies must not be linked to any to any device that controls operation by daylight (PIR) as the RTPI signs will be operational 24/7. Connections to the breakers will be made by the installer of the RTPI signage (CUBIC). Plan is to install signs in 2nd week November.</p>	
4793	PMI 446	ADULT HOSPITAL - WARD 4B ROOM HOW-208 CONNECTIONS TO FITTED WHB	21/10/2015	<p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.</p> <p>Please complete works by 29th October.</p> <p>The H&amp;CW services are piped to beneath the WHB and only require final flexi-connections. The waste bottle trap requires to be connected to the waste spigot installed by Brookfield.</p> <p>** Additional note added to PMI ** - Flush system prior to final connection/liaise with Estates</p>	
4795	PMI 447 -	ADULT HOSPITAL LEVEL 1 CRITICAL CARE WARD 5 No. ISOLATION ROOMS	21/10/2015  22/10/2015	<p>Supply and fit stainless steel D-handles to 5 No doors as noted below. Fix D handles over existing stainless steel push plates to avoid repairs to doors.</p> <p>To the larger main leaf of the penny farthing door set between the pressurised lobby and the single room, supply and install 1 No. st. steel D handle on the lobby side of the door. This side is currently fitted with a st. steel push plate. Please leave push plate in place and supply a D handle to sit over the plate so the handle and its fixing rose need to be larger than the overall length of the plate. Single bedroom room numbers are - CCW140; CCW-165; CCW-242; CCW-025 and CCW-111. Note these should only be fitted in locations where lever handles on both side of doors do NOT occur.</p> <p>PM requested that GB check the Ironmongery schedule re door handles for the 10 isolation rooms as 5 isolation room doors have different handles from the other 5 isolation rooms. GB suggested that the ironmongery should have been consistent on all the isolation room doors.</p>	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015	<p>Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.</p> <p>Please contact Jim Harrigan to make arrangements for removal.</p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p>	



				The attachment is the area to be removed shown marked in blue.	
4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	

## Other items that require discussion:

- Decontamination tank – it was noted that this may have a longer delivery time than previously expected therefore the works may not be complete by 26<sup>th</sup> January 2015. BMCL will wait until the date is confirmed and will raise as an issue as required. (11/12/2014) DP noted this is WIP. BMCL are starting to do drainage works and the tank is expected to be delivered 6<sup>th</sup> February 2015 and all works to be concluded by 24<sup>th</sup> February 2015. (15/01/2015) AF advised that he had a drawing to be provided to the NHS (08/01/2015) AF advised that he would tie in with KC re the works (22/01/2015) AF suggested that the works may be commenced w/c 09/02/2015 (05/02/2015) AF advised that the works are still to be commenced. PMcG has had difficulty getting the design solution. FS will progress (12/2/2015). Now planned to commence 9<sup>th</sup> March 2015 and will take 10 days to complete. (19/02/2015). GW advised that work is underway and he understood the tank has been delivered – GW will check and confirm re tank delivery (12/03/2015) DP advised that the tank is due to be delivered on 24/03/2015 and the hole is currently being dug (19/03/2015) FS reported that he had been advised by the manufacturer that the tank needs to be remade as there is an issue with the tank that was initially made. FS had only been informed of this matter earlier that day and would obtain further information and would subsequently provide further feedback to the NHS. (26/03/2015) FS advised that the tank was due on site that day (02/04/2015) FS advised that the tank has been installed. DW noted that there is a couple of panels to go in as yet. CG is liaising with HGriffin re the location for the panels (30/04/2015) It was noted that the level panel had been installed. A switch is needed however there is a permanent diversion to the tank at this time. (07/05/2015) DW noted that the switch for the valve is awaited (14/05/2015) DW advised that operatives should be on-site w/c 25/05/2015 (21/05/2015) DW advised BMCL were awaiting the manufacturer diverting switch. DH advised that the NHS want the system to be up and running by 30/05/2015. DW advised that the system is operation however the diverting switch will not be fitted prior to 30<sup>th</sup> March 2015. BMCL will leave the valve open so the tank will need to be eventually pumped out. (28/05/2015) DW advised that BMCL are still awaiting the switch and try to push this on (04/06/2015) DW advised that he was pushing to get the contractor on site to do the panel mod. DH advised this needed to be pushed on



asap (11/06/2015) DW advised that BMCL were actively trying to push on obtaining the switch and are awaiting the company to commit to a date. (25/06/2015) DW advised that the panel is due to be delivered before the end of the current week (23/07/2015) DW noted that the panel is now onsite and would be fitted by the middle of the following week. ((30/07/2015). GA advised that he would provide an update asap as there was no update available at this time (06/08/2015) GA advised that the panel was currently being fitted. PM enquired if there is any commissioning that the Board needs to witness and GA agreed to check and confirm back. GA would seek an update from JMiller the following day (13/08/2015) GA advised that BMCL are awaiting the return date for Pipex to commission the tank and panel. Once pipex have concluded their works then BMCL will do a joint commission/handover with NHS Estates. (27/08/2015) DW noted that BMCL were now looking for Mercury to do the install works in order not to delay the works any further (17/09/2015) DW advised that the panel is not as yet connected and that BMCL had issued an EW to Land Eng so that BMCL can recover costs and instruct Mercury to connect the panel. (24/09/2015) GA advised that BMCL will remove the valve in the manhole and obtain a valve that is compatible with decontamination needs (01/10/2015) **GA advised that the valve in the manhole had been removed and been sent to Portsmouth to get the actuator fitted and valve calibrated. (8/10/2015)**

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) **DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015)**
- Consultants Wind Survey – GB noted that they have been organized to come on site on Monday to look at a solution for the entrance re openness to conditions. There has been a query re the wind study. DH also noted that the landscaping is very immature at this time so doesn't provide any windbreak at this time. (14/05/2015) FS advised that the consultants were on site on Monday (21/05/2015) It was noted that BMCL are reviewing – have met with WSP. Looking at updating the wind survey. Orientation of some buildings differs from the early masterplan which the wind study was based on. WSP are updating on the basis of the current buildings and current orientation of buildings (28/05/2015) GB advised that the consultants were preparing a model update at moment on basis of positions of buildings. GW advised that he would need to know if the NHS wanted a wind survey to be carried out – cost circa [REDACTED]. GW suggested that GB, DS and GW discuss. PM agreed to discuss with DL (11/06/2015) GB advised that the survey report is awaited (25/06/2015) GB advised that he had spoken to John Cox from WSP re model and whether the report is nearing completion. John had advised that he is currently in dialogue with Gillespies and potential to use soft landscaping being looked at (30/07/2015) GB advised that initial feedback was expected imminently and he would chase this up (06/08/2015) GB noted that BMCL are getting outputs from the works with the model. A meeting with the NHS would be organized to discuss in due course (13/08/2015) GB advised that WSP have updated the model and prepared analysis. WSP have met with Gillespies to look at potential solutions. BMCL will meet with Gillespies soon and thereafter BMCL will meet with the NHS to go through the survey results. The model can be updated to show the impact of including any changes (27/08/2015) GB advised that BMCL had met with WSP and the model is complete. It has been identified that there is an increase in wind from the north east. The report will

be provided in due course. Suggestions to improve the conditions at the front of the hospitals will be provided. The CFD is not an appropriate analysis to progress solution and WSP are going to propose doing a physical model (17/09/2015) GB noted that BMCL are awaiting the written output (24/09/2015) GB noted that the report is currently being finalised and he suggested that this would be in the next completed within the next couple of weeks (01/10/2015) **GB noted that the report should be available now and he would chase this up (22/10/2015)**

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) **DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015)**
- Pattressing (PMI 359) – DH suggested that there was potentially 6 rooms in renal that did not have patient entertainment. Information to be provided as to where pattressing was installed that wasn't covered by the PMI. (23/07/2015) GW advised that BMCL had dealt with the pattressing and lights relocation. PM requested that BMCL provide a list of the locations (30/07/2015) FS/GW to agreed to provide the drawing info to PM asap. (06/08/2015) GA advised he would progress this matter, GW to liaise with FS in the first instance (13/08/2015) **GW to liaise with GB re marking up a drawing (27/08/2015) PM noted that drawing to be provided by GW and requested that the drawing be provided before the end of October (24/09/2015)**
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) **PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) **HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015)**
- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) **DW advised that all the information had been uploaded to Zutech however he would liaise with LM to ascertain what information she was requesting (01/10/2015)**
- Car Park 4 Surface Car Park re JMP Traffic Report – GB noted that he was awaiting an update on progress. GB mentioned that the Building Control process could take 3-4 months and enquired whether BMCL should commence the process now (01/10/2015) **PM noted that there was a meeting with JMP scheduled for 26/10/2015. (22/10/2015)**

- Fire Strategy drawings – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015). GF noted that a meeting was being arranged (08/10/2015) GB noted that there was a meeting arranged for w/c 26<sup>th</sup> October 2015.

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 18/11/2015:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as of 16/11/2016:

Brookfield MULTIPLEX BM					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a progamme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the	
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			<p>works.</p> <p>DL and PM to discuss</p> <p>26/03/2015 02/04/2015</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.</p> <p>28/05/2015 25/06/2015</p> <p>Meeting being organised for 04/06/2015. Invite to be sent to FS.</p> <p>PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</p> <p>30/07/2015</p> <p>DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.</p> <p>06/08/2015</p> <p>GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.</p> <p>13/08/2015</p> <p>GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.</p> <p>27/08/2015</p> <p>GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</p> <p>17/09/2015</p> <p>GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.</p> <p>24/09/2015</p> <p>GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.</p> <p>01/10/2015</p> <p>GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.</p> <p>08/10/2015</p> <p>GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>22/10/2015 12/11/2015</p> <p>Work in progress</p> <p>GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI &amp; ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.</p>	
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2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
			21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
			28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
			04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
			11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
			25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now</p>	



			<p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works.</p>	



			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3rd. PM noted that this item would not be able to be sorted in the next couple of weeks.</p> <p>PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26th January is not a line in the sand as at 26th January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26th January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3rd for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.</p> <p>GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.</p> <p>GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.</p> <p>GA advised that he would organise a meeting after the school holiday period.</p> <p>PM advised that this had been discussed at an earlier meeting with the Project Directors. PM understood that a quantum was to be identified.</p> <p>GA noted that GW had advised that this matter is now concluded. PM noted that he was unsure how the fire stopping attributable to each party could be quantified but he understood that GW and DR are agreeing an amount.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p>	12/11/2015

			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p> <p>GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.</p> <p>GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].</p> <p>GA noted that GW was to confirm the value.</p> <p>PM advised that confirmation of the value is awaited.</p> <p>GA noted that GW was to confirm the value with DR. Item closed as covered by CE .</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p>
26766	BMCL-EWN-164	Delay in Asbestos removal	<p>10/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which</p>	

			<p>BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract.</p> <p>08/10/2015 GA noted that the information required is for the first building in the phase to be demolished. GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB</p>	
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			12/11/2015	<p>noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	


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			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p> <p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
27446	NHS EWN 061	Neurosurgery Entrance - Ground Floor Concrete Pour	<p>20/10/2015</p>	<p>Further to discussions on 20th October please confirm revised date for the ground floor concrete pour to allow notification to end users etc.</p> <p>Based on yesterday's progress to date on site I'm concerned that we will miss this week and it will be w/c 26th before this is carried out.</p> <p>Please provide an indication of any impact to programme.</p>	12/11/2015

			22/10/2015 12/11/2015	GB noted that the plate detail was to be concluded between the engineers (there had been a difference of opinion). Also, there had been an issue getting steel fixers. Rob Blady had updated GF. It was agreed that this item could be closed	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/11/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015  21/05/2015 28/05/2015 04/06/2015  11/06/2015 25/06/2015  23/07/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an</p>	

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			<p>30/07/2015 email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>06/08/2015 PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>13/08/2015 GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>27/08/2015 GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>17/09/2015 GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>24/09/2015 GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>01/010/2015 PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>08/10/2015 GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p> <p>12/11/2015 GA noted that costs are awaited from Land Eng.</p> <p>LJ suggested that all the costs had been uploaded to Sypro. PM agreed to check Sypro for the info.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015 Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>25/06/2015 PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>23/07/2015 GW advised that BMCL were preparing pricing.</p> <p>30/07/2015 GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>06/08/2015 GW noted this is WIP.</p> <p>13/08/2015 PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p>	

			<p>27/08/2015 17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015 08/10/2015 22/10/2015</p> <p>12/11/2015</p>	<p>GW noted that costs had been uploaded for NHS review.</p> <p>PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.</p> <p>PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.</p> <p>GW advised that he was awaiting Land Eng to break down the costs</p> <p>GA noted that cost breakdown is awaited from Land Eng.</p> <p>PM noted that he had asked for additional info re</p> <ol style="list-style-type: none"> <li>1- change to white lining</li> <li>2- installation of new circuit</li> <li>3- paving slabs in front of the feeder pillar</li> </ol> <p>GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 3</p> <p><b>LJ advised that she would upload the Mercury cost asap. PM enquired why the quote included an excavator/dump truck. LJ agreed to provide a revised cost break down.</b></p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p>Please organise an preliminary meeting with design team and Board to establish scope in more detail.</p> <p><i>(Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	12/11/2015

			23/07/2015	PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27 <sup>th</sup> May 2010 was a significant date.	
			30/07/2015	DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.	
			06/08/2015	PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1 <sup>st</sup> element being due to the NHS and the 2 <sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.	
			13/08/2015	PM noted that there had been a few additions to this item (PMI 429 & PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.	
			27/08/2015	PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.	
			17/09/2015	GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.	
			01/10/2015	GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item.	
			08/10/2015	GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21 <sup>st</sup> October 2015. If nurses require training then further training would be arranged.	

			22/10/2015	PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.	
			12/11/2015	PM noted that the ward and validation information had all been handed over. It was noted that GW and DR are discussing costs. It was agreed that the PMI could be closed.	
4042	PMI 425 -	EXTERNALS WORKS – TREE GRATINGS	07/07/2015	The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.  Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.  Prepare a sample grating coated with Smartkote – Protectakote UVR, anti slip coating, colour – translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.  Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a>	12/11/2015
			23/07/2015	Notify Board team once sample prepared for review. FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.	
			30/07/2015	PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal.	
			06/08/2015	It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.	
			13/08/2015	GA advised that the installation is due to commence the following week.	
			27/08/2015	GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].	
			17/09/2015	GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.	
			24/09/2015	PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.	
			01/10/2015	GA advised that BMCL are awaiting information from Land Engineer regarding in relation to the galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.	
			08/10/2015	GA advised that BMCL are awaiting copy of the invoice from Land Eng.	
			22/10/2015	GB noted that he was not aware of the invoice having been received by BMCL.	

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4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>24/09/2015 GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>01/10/2015 GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>08/10/2015 GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>22/10/2015 GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>12/11/2015 PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTURAL TERTIARY BLINDS REPAIRS	17/09/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full</p>	

			<p>operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>01/10/2015 08/10/2015 22/10/2015 12/11/2015</p> <p>It is understood that around 70 locations are affected. GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info. GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon. PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap. LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	<p>17/09/2015 24/09/2015 01/10/2015 22/10/2015 12/11/2015</p> <p>Please provide a cost to change the names of hospitals on system.</p> <p>Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha. SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes. Feedback from Estates Dept awaited PM noted that the names had been changed by Signbrand at no cost therefore it was agreed this item could be closed.</p>	12/11/2015
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015</p> <p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p>	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	<p>25/09/2015</p> <p>The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets</p>	



			01/10/2015 22/10/2015  12/11/2015	GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room.  DW suggested that a duct would have to be taken from theatre ducting. BMCL had received a design from WWhittle however there is a bit of work involved in installing the additional ventilation and consideration would need to be given to the disruption factor, HAI Scribe needs, etc.	
4769	PMI 445	RTPI BUS SIGNS - PROVISION OF 4 No 6 AMP BREAKERS IN FP11	20/10/2015   12/11/2015	In feeder pillar FP11 please supply and install 4@6 amp 230v single phase breakers, these to be RCD, but if space does not permit can be RCBO's. Please proceed immediately with this work.  Please supply and install 4@6 amp 230v single phase, these to be RCD, but if space does not permit can be RCBO's. Note the four supplies must not be linked to any to any device that controls operation by daylight (PIR) as the RTPI signs will be operational 24/7. Connections to the breakers will be made by the installer of the RTPI signage (CUBIC). Plan is to install signs in 2nd week November.  It was noted that CE 152 had been issued which covered this PMI therefore the PMI should be closed.	12/11/2015
4793	PMI 446	ADULT HOSPITAL - WARD 4B ROOM HOW-208 CONNECTIONS TO FITTED WHB	21/10/2015   12/11/2015	Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.  Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.  Please complete works by 29th October.  The H&CW services are piped to beneath the WHB and only require final flexi-connections. The waste bottle trap requires to be connected to the waste spigot installed by Brookfield.  ** Additional note added to PMI ** - Flush system prior to final connection/liaise with Estates It was noted that CE 153 had been issued which covered this PMI therefore the PMI should be closed. PM noted that the whb still had a sign up re flushing and DW advised that generally the flushing signage remains in place until the sterilisation results are received. DW agreed to check this out.	12/11/2012
4795	PMI 447 -	ADULT HOSPITAL LEVEL 1 CRITICAL CARE WARD 5 No. ISOLATION ROOMS	21/10/2015	Supply and fit stainless steel D-handles to 5 No doors as noted below. Fix D handles over existing stainless steel push plates to avoid repairs to doors.  To the larger main leaf of the penny farthing door set between the pressurised lobby and the single room, supply and install 1 No. st. steel D handle on the lobby side of the door. This side is currently fitted with a st. steel push plate. Please leave push plate in place and supply a D handle to sit over the plate so the handle and its fixing rose need to be larger than the overall length of the plate. Single bedroom room numbers are - CCW140; CCW-165; CCW-242; CCW-025 and CCW-111. Note these should only be fitted in locations where lever handles on both side of doors do NOT occur.	12/11/2015

			22/10/2015  12/11/2015	PM requested that GB check the Ironmongery schedule re door handles for the 10 isolation rooms as 5 isolation room doors have different handles from the other 5 isolation rooms. GB suggested that the ironmongery should have been consistent on all the isolation room doors.  It was noted that CE 154 had been issued which covered this PMI therefore the PMI should be closed.	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015  12/11/2015	Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.  Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015  12/11/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .  The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015  12/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge , water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter.  GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
A51679245					

16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
17848	CE 152	ARRIVAL SQUARE - RTP1 BUS SIGN ELECTRICAL CONNECTIONS	12/11/2015	Provide and install 4 @ 6amp RCBO circuit breakers in feeder pillar 11 as per PMI 445. To be on permanent power supply not controlled by PIR. Funded from Section 75 fund for Fastlink installation.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	17/11/2015
17850	CE 153	QEUH LEVEL 4 WARD B ROOM HOW-208 - CONNECT GP2 WHB TO SERVICES	12/11/2015	Connect vanity basin in fitted unit, supplied and installed by Board, to H+C water supply and 38mm drain outlet, commission and sanitise water pipes, as per PMI 446. Funded from Board Group 2 equipment budget.  Agreed cost [REDACTED] inc.OH+P but excluding VAT.	17/11/2015
17852	CE 154	QEUH CCW 5 No ISOLATION ROOMS - ADDITIONAL DOOR HANDLES	12/11/2015	In rooms CCW-140; 165; 242; 025 and 111 supply and install stainless steel D handles as per PMI 447.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	17/11/2015
17855	CE 155	PHASE 3A - CAR PARK 4 BUILDING WARRANT	12/11/2015	Please proceed with design to a level to make a formal submission and secure full building warrant consent.  Agreed cost [REDACTED] incl. of OH+P but excl VAT.	17/11/2015

#### Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015.(19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference n opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted

that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015)

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015)
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015) PM advised that a plan showing which tiles BMCL would be replacing had been received. GA noted that there is circa 20 tiles still to be replaced. PM noted that the problem is ongoing and that the NHS may need to bring in a building expert to look at the issue and provide feedback. (12/11/2015)
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015)


- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) DW advised that all the information had been uploaded to Zutec however he would liaise with LM to ascertain what information she was requesting (01/10/2015) It was noted that BMCL had received no further feedback from LM therefore the item could be closed (12/11/2015)
- Fire Strategy drawings report – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015). GF noted that a meeting was being arranged (08/10/2015) GB noted that there was a meeting arranged for w/c 26<sup>th</sup> October 2015. GB advised that he had met with GDonnelly and WSP and that WSP are updating their strategy and providing additional information requested by GD (12/11/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 18/11/2015:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014	Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.	
			04/12/2014	DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.	
			08/01/2015	DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate.	
			15/01/2015	AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.	
			22/01/2015	DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.	
			29/01/2015	GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.	
			05/02/2015	GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.	
			19/02/2015	Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3 <sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14 <sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley & Kirkwood Air Products and HPI.	
			26/02/2015	DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.	
			05/03/2015	DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.	
			12/03/2015	DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.	
			19/03/2015	PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do	

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			<p>the works.</p> <p>26/03/2015 02/04/2015</p> <p>DL and PM to discuss</p> <p>PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.</p> <p>28/05/2015 25/06/2015</p> <p>Meeting being organised for 04/06/2015. Invite to be sent to FS.</p> <p>PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</p> <p>30/07/2015</p> <p>DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.</p> <p>06/08/2015</p> <p>GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.</p> <p>13/08/2015</p> <p>GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.</p> <p>27/08/2015</p> <p>GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</p> <p>17/09/2015</p> <p>GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.</p> <p>24/09/2015</p> <p>GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.</p> <p>01/10/2015</p> <p>GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.</p> <p>08/10/2015</p> <p>GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>22/10/2015 12/11/2015</p> <p>Work in progress</p> <p>GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI &amp; ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.</p>	
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2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
			21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
			28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
			04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
			11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
			25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now</p>	

			<p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p>	
26026	BMCL-EWN-159	Fire Stopping Reinstatement	<p>22/07/2015</p> <p>23/07/2015</p> <p>30/07/2015</p> <p>05/08/2015</p>	<p>Further to EWN meeting on 11/6/2015 where BM noted that there were instances where NHS direct contractors had not reinstated fire stopping between compartment walls we have now completed the reinstatement of all affected works.</p> <p>The scope of works involved physical checks in every compartment room by room and reinstatement as necessary.</p> <p>Board to issue PMI/ CE covering the works.</p> <p>FS advised that JRedmond had taken the marked up drawings and carried out sampling. GW noted that the NHS were to issue a PMI for the firestopping survey works. GW noted that BMCL had a bill for [REDACTED] for the works which he needed to progress. GB suggested that BMCL would need sign-off of the fire stopping marked up drawings. PM agreed to sign off the survey results for the fire stopping. A discussion regarding the associated costs would be needed. DH suggested that there was no definition of the scope of works and the NHS would need to look at the costs /works carried out to make there was no double counting – NHS Contractor issue/BMCL contractor issue)</p> <p>PM and GW to discuss. PM noted that he wasn't sure how it would be possible to agree who is responsible for not reinstating fire stopping. PM agreed to discuss this with DH in the first instance.</p> <p>GW advised that an offer had been provided to PM. PM acknowledged receiving the offer noting that he did not know how can accept the offer. GW advised that the NHS have the survey results and the price is based on a %. DL noted that there was to be a line in the sand drawn and BMCL to carry out the works.</p>	

			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>GW noted that when BMCL handed over the hospitals to the NHS that all the fire stopping had been done. FS advised that the fire stopping was part of the building control sign-off. DL suggested that BMCL did not have all the fire stopping fully complete or that there wasn't fire stopping interrupted due to BMCL works. GW acknowledged that BMCL would still have had some fire stopping works to complete. DL advised that he would review the proposal.</p> <p>GW advised that he needs to know how to proceed as BMCL have already paid Astins for the work. There had been no costs included for Mercury for the provision of the pillows or physically putting the missing pillows back in.</p> <p>GA advised that there is a thread on Aconex with all the information – all fire stopping is complete. It was enquired how the NHS would want to progress to close this item out. PM advised that he will need a print of the complete package of info. GW advised that BMCL have not charged for replacement bags which were replaced as the checks were being done. BMCL are looking for NHS to pay 2/3rds and BMCE to pay 1/3rd. PM noted that this item would not be able to be sorted in the next couple of weeks.</p> <p>PM advised that he had printed off the Aconex pack but that he wasn't sure it contained the information that was needed for review. GA advised that it was on an Aconex uploaded by Fergus. PM suggested that there would need to be a separate meeting to discuss this item and that he wasn't sure how this matter could be concluded. GW advised that BMCL had carried out all of the reinstatement works in relation to both the PMI and NHS Contractor related issues. The costs issued from BMCL are Astins costs and the information includes the time sheets and costs for materials. GA agreed to print off the drawings so that a meeting can be organised to review and discuss. PM noted that in his view the 26th January is not a line in the sand as at 26th January the building was not complete. GW noted that Capita signed off the building as complete and that BMCL have a completion certificate. As at 26th January Astins assure BMCL that all the fire stopping was complete. GW had reduced the Astins fee by 1/3rd for the PMI works, etc. BMCL had not included any Mercury costs or BMCL supervision costs in the cost information uploaded. PM noted that Capita did not check every nook and cranny. GW reported that it was BMCL who identified and advised the NHS that the group 5 contractors were not reinstating the fire stopping.</p> <p>GA noted that he would print off the drawings and arrange a separate meeting. DH enquired about the reference at the previous meeting to the Board's Group 5 contractors noting that the majority of their works did not extend outwith the rooms they were working in. GA advised that it was planned to print off the drawings and overlay with the Group 5 cables runs.</p> <p>GA advised that Danielle is currently printing off the drawings and he would organise a meeting asap thereafter.</p> <p>GA advised that he would organise a meeting after the school holiday period.</p> <p>PM advised that this had been discussed at an earlier meeting with the Project Directors. PM understood that a quantum was to be identified.</p> <p>GA noted that GW had advised that this matter is now concluded. PM noted that he was unsure how the fire stopping attributable to each party could be quantified but he understood that GW and DR are agreeing an amount.</p>	
26405	BMCL-EWN-160	Delays to piling at VIE2	<p>10/08/2015</p>	<p>Following today's meeting on site Gillon Armstrong/ Graham Forsyth we are unable to commence the VIE works due to outstanding information/ lack of certification for asbestos clearance works.</p> <p>The implication of this is that is we will need to stand down our piling contractor and demobilise the piling rig on site and re mobilise to form the VIE piles at a later date which will result in us incurring additional costs.</p>	12/11/2015

			<p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>Actions required;</p> <ol style="list-style-type: none"> <li>1. Please provide a PMI to stand down works.</li> <li>2. Provide asbestos clearance certificate for solemn of Maternity Building</li> <li>3. Confirm acceptance of medical gas design</li> <li>4. Agree isolation strategy (if required) for VIE pipework during piling works – Action by NHS &amp; BM</li> </ol> <p>GW advised that BMCL are awaiting info from Balfour Beattie. To obtain a cost BMCL would potentially need a return date for the rig. GW suggested that cost may be [REDACTED].</p> <p>Cross ref PMI 434. GA advised that the costs had been uploaded to PMI 434.</p> <p>GA advised that the costs had been uploaded. PM advised that he would request DR to review asap.</p> <p>GA advised that the costs had been uploaded. PM noted that the CE had been issued. DH advised that DR had reviewed the cost information and commented that the quote contains a cost of [REDACTED] to relocate the rig and a separate cost for demobilisation of [REDACTED]. DR suggests that the cost therefore would be [REDACTED] - [REDACTED] equalling [REDACTED].</p> <p>GA noted that GW was to confirm the value.</p> <p>PM advised that confirmation of the value is awaited.</p> <p>GA noted that GW was to confirm the value with DR. Item closed as covered by CE .</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	
26766	BMCL-EWN-164	Delay in Asbestos removal	<p>10/09/2015</p> <p>17/09/2015</p> <p>24/09/2015</p>	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which</p>	

			<p>BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract.</p> <p>08/10/2015 GA noted that the information required is for the first building in the phase to be demolished. GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB</p>	
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			12/11/2015	<p>noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detaile don programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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			<p>06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p> <p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
27446	NHS EWN 061	Neurosurgery Entrance - Ground Floor Concrete Pour	<p>20/10/2015</p>	<p>Further to discussions on 20th October please confirm revised date for the ground floor concrete pour to allow notification to end users etc.</p> <p>Based on yesterday's progress to date on site I'm concerned that we will miss this week and it will be w/c 26th before this is carried out.</p> <p>Please provide an indication of any impact to programme.</p>	12/11/2015

			22/10/2015 12/11/2015	GB noted that the plate detail was to be concluded between the engineers (there had been a difference of opinion). Also, there had been an issue getting steel fixers. Rob Blady had updated GF. It was agreed that this item could be closed	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/11/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015  21/05/2015 28/05/2015 04/06/2015  11/06/2015 25/06/2015  23/07/2015	<p>Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.</p> <p>At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.</p> <p>At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.</p> <p>It was agreed that BMCL will liaise with Siemens</p> <p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an</p>	

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			<p>30/07/2015 email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>06/08/2015 PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>13/08/2015 GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>27/08/2015 GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>17/09/2015 GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>24/09/2015 GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>01/10/2015 PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>08/10/2015 GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p> <p>12/11/2015 GA noted that costs are awaited from Land Eng. LJ suggested that all the costs had been uploaded to Sypro. PM agreed to check Sypro for the info.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	<p>03/06/2015 Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance.</p> <p>Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area.</p> <p>25/06/2015 PM advised that he would liaise with JPhillips re doing the works at the weekend.</p> <p>23/07/2015 GW advised that BMCL were preparing pricing.</p> <p>30/07/2015 GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective.</p> <p>06/08/2015 GW noted this is WIP.</p> <p>13/08/2015 PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs.</p>	

			<p>27/08/2015 17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015 08/10/2015 22/10/2015</p> <p>12/11/2015</p>	<p>GW noted that costs had been uploaded for NHS review.</p> <p>PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info.</p> <p>PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box.</p> <p>GW advised that he was awaiting Land Eng to break down the costs</p> <p>GA noted that cost breakdown is awaited from Land Eng.</p> <p>PM noted that he had asked for additional info re</p> <ol style="list-style-type: none"> <li>1- change to white lining</li> <li>2- installation of new circuit</li> <li>3- paving slabs in front of the feeder pillar</li> </ol> <p>GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 3</p> <p><b>LJ advised that she would upload the Mercury cost asap. PM enquired why the quote included an excavator/dump truck. LJ agreed to provide a revised cost break down.</b></p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The performance specification to be;</i></p> <ul style="list-style-type: none"> <li>• 10-12 air changes hour</li> <li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li> <li>• Propose solution to seal ceilings with current grid arrangement.</li> <li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li> </ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p>Please organise an preliminary meeting with design team and Board to establish scope in more detail.</p> <p><i>(Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</i></p>	12/11/2015

			23/07/2015	PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27 <sup>th</sup> May 2010 was a significant date.
			30/07/2015	DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.
			06/08/2015	PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1 <sup>st</sup> element being due to the NHS and the 2 <sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.
			13/08/2015	PM noted that there had been a few additions to this item (PMI 429 & PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.
			27/08/2015	PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges and air permeability tests.
			17/09/2015	GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.
			01/10/2015	GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item.
			08/10/2015	GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21 <sup>st</sup> October 2015. If nurses require training then further training would be arranged.

			22/10/2015	PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.	
			12/11/2015	PM noted that the ward and validation information had all been handed over. It was noted that GW and DR are discussing costs. It was agreed that the PMI could be closed.	
4042	PMI 425 -	EXTERNALS WORKS – TREE GRATINGS	07/07/2015	The Board have received a number of complaints from members of the public and staff that the surface of the tree gratings is slippery and there have been a number of falls resulting. Undertake review and works as noted below.  Please provide the following information regarding the tree gratings. Manufacturers product catalogue with supporting information of reference sites where product has been used and information relative to slip resistance.  Prepare a sample grating coated with Smartkote – Protectakote UVR, anti slip coating, colour – translucent, applied as per manufacturer's instructions, application to surfaces of grating coming into contact with foot traffic. Proceed immediately with sample.  Link: <a href="http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html">http://www.anti-slip-paint.co.uk/protectakote-litre-p-248.html</a>	12/11/2015
			23/07/2015	Notify Board team once sample prepared for review. FS advised that BMCL are awaiting samples from Land Eng – barrier and anti-slip. PM requested that the product spec be provided. GB suggested that BMCL should check that what was fitted is what was specified. FS advised that the product spec is on Zutec.	
			30/07/2015	PM noted that the sticky paint solution didn't work when wet. GA has shown another proposal.	
			06/08/2015	It was noted that the small fencing is in manufacture. GB advised that Joanne (Gillespies) had suggested that a resin water penetrable gravel could be used. PM suggested that it was too late to consider other options. GA confirmed that the small fencing is in manufacture. PM advised that BMCL should continue to progress with the small fencing.	
			13/08/2015	GA advised that the installation is due to commence the following week.	
			27/08/2015	GW advised that costs have been uploaded. As far as the grating manufacturer and Gillespies are concerned the gratings are ok, as specified and as fitted elsewhere. BMCL are requesting a CE for the tree gratings. PM advised that there have been recorded incidents on site where people have been injured, incidents have been logged on the NHS Datix system. There have also been complaints about the gratings being slippery. GW noted that the cost is circa [REDACTED].	
			17/09/2015	GA advised that the posts and chains had been installed. PM advised that there have been 4 separate people slipping/tripping on the gratings and query the galvanising. GW agreed to raise this with the Land Eng noting that the manufacturer and Landscape Architects have confirmed that there is no issue with these gratings at any other site.	
			24/09/2015	PM advised that he still considered that the gratings were not fit for purpose and noted that BMCL were to check out the proprietary galvanising.	
			01/10/2015	GA advised that BMCL are awaiting information from Land Engineer regarding in relation to the galvanising. GW advised that verbal confirmation regarding the galvanising had been provided.	
			08/10/2015	GA advised that BMCL are awaiting copy of the invoice from Land Eng.	
			22/10/2015	GB noted that he was not aware of the invoice having been received by BMCL.	





4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>24/09/2015 GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>01/10/2015 GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>08/10/2015 GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>22/10/2015 GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>12/11/2015 PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTURAL TERTIARY BLINDS REPAIRS	17/09/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full</p>	

			<p>operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>01/10/2015 08/10/2015 22/10/2015 12/11/2015</p> <p>It is understood that around 70 locations are affected. GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info. GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon. PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap. LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4549	PMI 440	3 No. INTERACTIVE WAYFINDING TOUCHSCREENS	<p>17/09/2015 24/09/2015 01/10/2015 22/10/2015 12/11/2015</p> <p>Please provide a cost to change the names of hospitals on system.</p> <p>Please provide a cost to change the names of the hospitals on the system to the Queen Elizabeth University Hospital and the Royal Hospital for Children. GB suggested that Natasha had previously provided information to the about making minor changes to the system. DW suggested that PM should liaise with Maggie Walshe/Stephen Drummond in the first instance. GB agreed to contact Natasha. SF advised that the Estates Helpdesk was checking that their access to the system is sufficient to make the changes. Feedback from Estates Dept awaited PM noted that the names had been changed by Signbrand at no cost therefore it was agreed this item could be closed.</p>	12/11/2015
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015</p> <p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p>	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	<p>25/09/2015</p> <p>The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets</p>	

			01/10/2015 22/10/2015  12/11/2015	GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room.  DW suggested that a duct would have to be taken from theatre ducting. BMCL had received a design from WWhittle however there is a bit of work involved in installing the additional ventilation and consideration would need to be given to the disruption factor, HAI Scribe needs, etc.	
4769	PMI 445	RTPI BUS SIGNS - PROVISION OF 4 No 6 AMP BREAKERS IN FP11	20/10/2015   12/11/2015	In feeder pillar FP11 please supply and install 4@6 amp 230v single phase breakers, these to be RCD, but if space does not permit can be RCBO's. Please proceed immediately with this work.  Please supply and install 4@6 amp 230v single phase, these to be RCD, but if space does not permit can be RCBO's. Note the four supplies must not be linked to any to any device that controls operation by daylight (PIR) as the RTPI signs will be operational 24/7. Connections to the breakers will be made by the installer of the RTPI signage (CUBIC). Plan is to install signs in 2nd week November.  It was noted that CE 152 had been issued which covered this PMI therefore the PMI should be closed.	12/11/2015
4793	PMI 446	ADULT HOSPITAL - WARD 4B ROOM HOW-208 CONNECTIONS TO FITTED WHB	21/10/2015   12/11/2015	Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.  Please make final connections to services (installed by Brookfield Multiplex) to wash hand basin on fitted unit (installed by others) services are hot water, cold water and 38mm waste connection.  Please complete works by 29th October.  The H&CW services are piped to beneath the WHB and only require final flexi-connections. The waste bottle trap requires to be connected to the waste spigot installed by Brookfield.  ** Additional note added to PMI ** - Flush system prior to final connection/liaise with Estates It was noted that CE 153 had been issued which covered this PMI therefore the PMI should be closed. PM noted that the whb still had a sign up re flushing and DW advised that generally the flushing signage remains in place until the sterilisation results are received. DW agreed to check this out.	12/11/2012
4795	PMI 447 -	ADULT HOSPITAL LEVEL 1 CRITICAL CARE WARD 5 No. ISOLATION ROOMS	21/10/2015	Supply and fit stainless steel D-handles to 5 No doors as noted below. Fix D handles over existing stainless steel push plates to avoid repairs to doors.  To the larger main leaf of the penny farthing door set between the pressurised lobby and the single room, supply and install 1 No. st. steel D handle on the lobby side of the door. This side is currently fitted with a st. steel push plate. Please leave push plate in place and supply a D handle to sit over the plate so the handle and its fixing rose need to be larger than the overall length of the plate. Single bedroom room numbers are - CCW140; CCW-165; CCW-242; CCW-025 and CCW-111. Note these should only be fitted in locations where lever handles on both side of doors do NOT occur.	12/11/2015

			22/10/2015  12/11/2015	PM requested that GB check the Ironmongery schedule re door handles for the 10 isolation rooms as 5 isolation room doors have different handles from the other 5 isolation rooms. GB suggested that the ironmongery should have been consistent on all the isolation room doors.  It was noted that CE 154 had been issued which covered this PMI therefore the PMI should be closed.	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015  12/11/2015	Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.  Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015  12/11/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .  The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015  12/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge , water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample.	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
17848	CE 152	ARRIVAL SQUARE - RTPI BUS SIGN ELECTRICAL CONNECTIONS	12/11/2015	Provide and install 4 @ 6amp RCBO circuit breakers in feeder pillar 11 as per PMI 445. To be on permanent power supply not controlled by PIR. Funded from Section 75 fund for Fastlink installation.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	17/11/2015
17850	CE 153	QEUH LEVEL 4 WARD B ROOM HOW-208 - CONNECT GP2 WHB TO SERVICES	12/11/2015	Connect vanity basin in fitted unit, supplied and installed by Board, to H+C water supply and 38mm drain outlet, commission and sanitise water pipes, as per PMI 446. Funded from Board Group 2 equipment budget.  Agreed cost [REDACTED] inc.OH+P but excluding VAT.	17/11/2015
17852	CE 154	QEUH CCW 5 No ISOLATION ROOMS - ADDITIONAL DOOR HANDLES	12/11/2015	In rooms CCW-140; 165; 242; 025 and 111 supply and install stainless steel D handles as per PMI 447.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	17/11/2015
17855	CE 155	PHASE 3A - CAR PARK 4 BUILDING WARRANT	12/11/2015	Please proceed with design to a level to make a formal submission and secure full building warrant consent.  Agreed cost [REDACTED] incl. of OH+P but excl VAT.	17/11/2015
18120	CE 156	ARRIVAL SQUARE - WHITE LINING AND POWER SUPPLY TO TRAFFIC SIGNALS	26/11/2015	The Board confirm works as set out in PMI 411 to reconfigure white lining at junctions in two locations and separate power supply to three sets of traffic signals from local street lighting, e.g on separate breakers in power pillar, all as requested by Glasgow City Council. Funded from Section 75 budget.	
18122	CE 157	QEUH & RHC WORKS - ADDITIONAL FIRE STOPPING WORKS	26/11/2015	The Board confirm the requirement for post completion works by Brookfield Multiplex to reinstate fire stopping disturbed by 3rd party contractor works. (Note these additional works are not as a result of on going works or omissions by Brookfield Multiplex).	

## Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) **DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) **DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015)**
- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if

the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the tile on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015) PM advised that a plan showing which tiles BMCL would be replacing had been received. GA noted that there is circa 20 tiles still to be replaced. PM noted that the problem is ongoing and that the NHS may need to bring in a building expert to look at the issue and provide feedback. (12/11/2015)

- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015)
- Machair liquidation – DH advised that Lynn Morrison has asked for the original data prior to Machair being bought out (24/09/2015) DW advised that all the information had been uploaded to Zutech however he would liaise with LM to ascertain what information she was requesting (01/10/2015) It was noted that BMCL had received no further feedback from LM therefore the item could be closed (12/11/2015)
- Fire Strategy drawings report – GB suggested that a meeting should be arranged to go over the comments from GDonnelly and that GB would organize WSP Fire to attend the meeting (01/10/2015). GF noted that a meeting was being arranged (08/10/2015) GB noted that there was a meeting arranged for w/c 26<sup>th</sup> October 2015. GB advised that he had met with GDonnelly and WSP and that WSP are updating their strategy and providing additional information requested by GD (12/11/2015)





			<p>the works.</p> <p>26/03/2015 DL and PM to discuss</p> <p>02/04/2015 PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.</p> <p>28/05/2015 Meeting being organised for 04/06/2015. Invite to be sent to FS.</p> <p>25/06/2015 PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</p> <p>30/07/2015 DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.</p> <p>06/08/2015 GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.</p> <p>13/08/2015 GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.</p> <p>27/08/2015 GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</p> <p>17/09/2015 GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.</p> <p>24/09/2015 GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.</p> <p>01/10/2015 GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.</p> <p>08/10/2015 GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>22/10/2015 Work in progress</p> <p>12/11/2015 GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI &amp; ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.</p> <p>26/11/2015 GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.</p>	
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2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
			21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
			28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
			04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
			11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
			25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now</p>	

			<p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015 26/11/2015</p>	<p>be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>GA noted that DW is chasing up Mercury for updated drawings</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015 08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015 01/10/2015 08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p>
26766	BMCL-EWN-164	Delay in Asbestos removal	<p>10/09/2015</p> <p>17/09/2015</p>	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos</p>	

			<p>24/09/2015</p> <p>Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract.</p>	
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			08/10/2015  22/10/2015  12/11/2015  26/11/2015	<p>GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUILDINGS	24/11/2015          26/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015    26/11/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QUEH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p>	

2798 2	BMCL-EWN- 169	ADVERSE WEATHER CONDITIONS	03/12/2015	We are currently experiencing delays to the works at the INS Entrance due to adverse weather conditions. The overall shift in programme commencement date has pushed the programme back such that we are erecting the structure and envelope works during the winter period which had not previously been envisaged.	
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SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>06/08/2015 PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>13/08/2015 GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>27/08/2015 GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>17/09/2015 GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>24/09/2015 GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>01/010/2015 GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>08/10/2015 GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>22/10/2015 PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p> <p>12/11/2015 GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p> <p>26/11/2015 GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
27784	NHS EWN 062	Decontamination Tank	17/11/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are	

	-		26/11/2015	completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015 26/11/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.  Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/11/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.  At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.	
			21/05/2015	It was agreed that BMCL will liaise with Siemens	

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			28/05/2015 04/06/2015  11/06/2015 25/06/2015 23/07/2015  30/07/2015 06/08/2015  13/08/2015 27/08/2015 17/09/2015  24/09/2015  01/10/2015 08/10/2015 12/11/2015 26/11/2015	<p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p> <p>GA noted that costs are awaited from Land Eng.</p> <p>LJ suggested that all the costs had been uploaded to Sypro. PM agreed to check Sypro for the info.</p> <p>GA noted that LJ had advised that costs have been uploaded. PM advised that he had issued a CE on basis of PMI 411. It was agreed this item could be closed.</p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a</p>	

			<p>25/06/2015 23/07/2015 30/07/2015  06/08/2015 13/08/2015  27/08/2015 17/09/2015   24/09/2015  01/10/2015 08/10/2015 22/10/2015   12/11/2015  26/11/2015</p>	<p>circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area. PM advised that he would liaise with JPhillips re doing the works at the weekend. GW advised that BMCL were preparing pricing. GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective. GW noted this is WIP. PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs. GW noted that costs had been uploaded for NHS review. PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info. PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box. GW advised that he was awaiting Land Eng to break down the costs GA noted that cost breakdown is awaited from Land Eng. PM noted that he had asked for additional info re 1- change to white lining 2- installation of new circuit 3- paving slabs in front of the feeder pillar GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 3 LJ advised that she would upload the Mercury cost asap. PM enquired why the quote included an excavator/dump truck. LJ agreed to provide a revised cost break down. <b>PM advised that CE 156 had been issued earlier that day therefore this item could be closed.</b></p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The</i></p>	12/11/2015

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			<p>performance specification to be;</p> <ul style="list-style-type: none"><li>• 10-12 air changes hour</li><li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li><li>• Propose solution to seal ceilings with current grid arrangement.</li><li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li></ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</p>	
		23/07/2015	PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27 <sup>th</sup> May 2010 was a significant date.	
		30/07/2015	DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.	
		06/08/2015	PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1 <sup>st</sup> element being due to the NHS and the 2 <sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.	
		13/08/2015	PM noted that there had been a few additions to this item (PMI 429 & PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.	
		27/08/2015	PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges	

			17/09/2015	and air permeability tests. GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.	
			01/10/2015	GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item.	
			08/10/2015	GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21 <sup>st</sup> October 2015. If nurses require training then further training would be arranged.	
			22/10/2015	PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.	
			12/11/2015	PM noted that the ward and validation information had all been handed over. It was noted that GW and DR are discussing costs. It was agreed that the PMI could be closed.	
			26/11/2015	PM noted that CE 159 had been issued. The costs had been agreed between DR and GW. It was agreed this item could be closed.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.  The names for the new hospitals are;  The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow  Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.	



			17/09/2015 24/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015 26/11/2015	<p>PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015       01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon.</p> <p>PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.</p> <p>LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:	

			<p>01/10/2015 08/10/2015 22/10/2015 12/11/2015</p> <p>26/11/2015</p>	<p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired. GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.</p>	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	<p>25/09/2015 01/10/2015 22/10/2015 12/11/2015</p> <p>26/11/2015</p>	<p>The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room. DW suggested that a duct would have to be taken from theatre ducting. BMCL had received a design from WWhittle however there is a bit of work involved in installing the additional ventilation and consideration would need to be given to the disruption factor, HAI Scribe needs, etc. PM advised that CE 158 had been issued therefore this item could be closed.</p>	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	<p>22/10/2015</p> <p>12/11/2015 26/11/2015</p>	<p>Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.</p> <p>Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up. GA advised that the works were due to be commenced 3rd/4th December 2015.</p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	<p>27/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p>	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p> <p>The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE. GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.</p>	

4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015 26/11/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees. PM advised that CE 155 had been issued therefore this item could be closed.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015 12/11/2015 26/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that they can prepare a price.	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity.	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view may be considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015	Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC; a) Induction loop to main out patient reception desk. b) PA system in main atrium. c) Static systems wall mounted nurse call panels in out patient departments.	

				Provide photocopy of key documents for reference in folder of lead manager.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p>	
5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015	<p>REH-049 – REHAB/TREATMENT ROOM Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18120	CE 156	ARRIVAL SQUARE - WHITE LINING AND POWER SUPPLY TO TRAFFIC SIGNALS	26/11/2015	The Board confirm works as set out in PMI 411 to reconfigure white lining at junctions in two locations and separate power supply to three sets of traffic signals from local street lighting, e.g on separate breakers in power pillar, all as requested by Glasgow City Council. Funded from Section 75 budget.  Cost confirmed by Project Manager as [REDACTED] incl )H+P but excluding VAT. Build up of costs attached.	02/12/2015
18122	CE 157	QEUH & RHC WORKS - ADDITIONAL FIRE STOPPING WORKS	26/11/2015	The Board confirm the requirement for post completion works by Brookfield Multiplex to reinstate fire stopping disturbed by 3rd party contractor works. (Note these additional works are not as a result of on going works or omissions by Brookfield Multiplex).  Agreed cost [REDACTED] excl VAT.	02/12/2015
18128	CE 158	RHC THEATRE DEPT SCOPE STORE - ADDITIONAL VENTILATION	26/11/2015	Please proceed with works to install additional ventilation to room THE-103., as scoped out under PMI444. The requirement for additional ventilation has result from and under estimation of the heat output from the 4 No drying cabinets transferred from Yorkhill. Cost allocated to Gp.2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	02/12/2015
18133	CE 159	QEUH WARD 4B - ADDITIONAL WORKS ASSOCIATED WITH UPGRADE OF WARD	26/11/2015	Cost arising from additional works to ceilings and M&E infrastructure associated with the general upgrade of the ward.  Agreed cost [REDACTED] incl OH+P but excluding VAT.	02/12/2015

### Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) **GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) **GA advised that DW could be asked to provide an update by email (26/11/2015)**

- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015) PM advised that a plan showing which tiles BMCL would be replacing had been received. GA noted that there is circa 20 tiles still to be replaced. PM noted that the problem is ongoing and that the NHS may need to bring in a building expert to look at the issue and provide feedback. (12/11/2015) GA advised that the last 20 tiles are due on site w/c 30/11/2015. There was 2-3 nights work required and the works would commence as soon as all the tiles are on site. PM suggested that the issue was still ongoing and that he may seek to obtain a second opinion. PM noted that there are tiles at the NCH atrium which need to be replaced as well. PM agreed to confirm the way forward. GA advised that he would ask G O'S to check the basement for any spare tiles and if there are spare tiles he would get the company to fit them. (26/11/2015)
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015)
- Visacom Panels. PM advised that he was being put under pressure to get the circa 64 visacom panels sorted. GA advised that TDSL have taken some spare doors back to the factory to use to identify a solution. GA noted that the 2 isolation room doors at Schiehallion were due on site w/c 30/11/2015 and BMCL would liaise with Jean Kirkwood for access to fit them. GA advised that it had been estimated that there will be circa 1200 sets which will need to be changed. BMCL are going through the door schedule to identify which ones need to be changed. PM suggested that in order to easily identify which visacom panels/doors had been replaced that it may be beneficial to change the door handles to a different colour.




**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 09/12/2015:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract.</p> <p>GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do</p>	

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			<p>the works.</p> <p>26/03/2015 DL and PM to discuss</p> <p>02/04/2015 PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.</p> <p>28/05/2015 Meeting being organised for 04/06/2015. Invite to be sent to FS.</p> <p>25/06/2015 PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.</p> <p>30/07/2015 DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.</p> <p>06/08/2015 GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.</p> <p>13/08/2015 GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.</p> <p>27/08/2015 GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.</p> <p>17/09/2015 GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.</p> <p>24/09/2015 GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.</p> <p>01/10/2015 GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.</p> <p>08/10/2015 GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.</p> <p>22/10/2015 Work in progress</p> <p>12/11/2015 GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI &amp; ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.</p> <p>26/11/2015 GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.</p>
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2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p>	
			21/05/2015	<p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	
			28/05/2015	<p>FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p>	
			04/06/2015	<p>FS advised that GB is liaising with Mercury</p>	
			11/06/2015	<p>GB advised that this would be progressed once the works completed in the summer</p>	
			25/06/2015	<p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now</p>	

			<p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015 26/11/2015</p>	<p>be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>GA noted that DW is chasing up Mercury for updated drawings</p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015 08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015 01/10/2015 08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p>	<p>*****</p>
26766	BMCL-EWN-164	Delay in Asbestos removal	<p>10/09/2015</p> <p>17/09/2015</p>	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos</p>	

			<p>24/09/2015</p> <p>Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract.</p>	
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			08/10/2015  22/10/2015  12/11/2015  26/11/2015	<p>GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUILDINGS	24/11/2015          26/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015    26/11/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QUEH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p>	

27982	BMCL-EWN-169	ADVERSE WEATHER CONDITIONS	03/12/2015	We are currently experiencing delays to the works at the INS Entrance due to adverse weather conditions. The overall shift in programme commencement date has pushed the programme back such that we are erecting the structure and envelope works during the winter period which had not previously been envisaged.	
28035	BMCL-EWN-170	Stage 3A Additional time required to process out patients	04/12/2015	Further to the partial demolition and handover of the Out Patients building we can confirm that the original duration for the demolition and removal of this building cannot now be achieved due to the nature of the way it has been partially demolished. The materials generated from the partial demolition of this building have not been segregated adequately and as such this will have to be carried out retrospectively. We have also had to stop works currently in progress on site to make safe the piles of debris in preparation for the high winds forecast. There are also full drums of diesel and a bin containing potentially contaminated asbestos removal PPE that have been left within our site boundary, these require to be removed asap to allow works in this area to continue. The additional duration will be taken into account when the programme is revised following the handover of the remaining building.	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	


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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>06/08/2015 PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>13/08/2015 GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>27/08/2015 GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>17/09/2015 GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>24/09/2015 GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>01/010/2015 GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p> <p>08/10/2015 GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p> <p>22/10/2015 PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p> <p>12/11/2015 GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p> <p>26/11/2015 GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
27784	NHS EWN 062	Decontamination Tank	17/11/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are	

	-		26/11/2015	completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015 26/11/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.  Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 11/11/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
3777	PMI 400 -	ARRIVAL SQ TRAFFIC SIGNALS	18/05/2015	Please effect repairs to traffic signals as per the attached drawing and specification. This work requires to be undertaken as soon as possible as the current set up is affecting scheduling of bus services through Arrival Square.  At location A on attached drawing, please reposition light sensor to give better coverage over lane and improve movement of bus services. Currently sensor partially screened by lamp head that is position in front of it.  At location B on attached drawing re-fit damaged lamp head, in doing so increase the width between the two sets of signal heads for this lane to avoid further damage. Note this third time lamphead has been hit and needs to be positioned to avoid further damage.	
			21/05/2015	It was agreed that BMCL will liaise with Siemens	

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			28/05/2015 04/06/2015  11/06/2015 25/06/2015 23/07/2015  30/07/2015 06/08/2015  13/08/2015 27/08/2015 17/09/2015  24/09/2015  01/10/2015 08/10/2015 12/11/2015 26/11/2015	<p>FS advised that Jamie Phillips is liaising with Siemens and he would obtain feedback asap.</p> <p>FS advised that he had spoken to Jamie Phillips the previous week and info is awaited back from Siemens. PM advised that PM and PMc had met with the Council as there was items which would stop the sign-off. It had been agreed to remove a lamp head of the islands and to rephrase the lights. PMI 411 had been raised to cover these items.</p> <p>GW noted that the cost had been uploaded on 05/06. PM advised that in his view the sensor head wasn't correctly positioned and suggested this was a Siemens defect.</p> <p>PM noted that JPhillips was getting the white lining done later that week. DH enquired about finishing off the white lining at the bottom of Hardgate Road i.e. was it to the new layout and FS agreed to check this out.</p> <p>FS advised that the white lining had been done. PM advised that he had sent John Sharkey an email to chase up the replacement light heads. GW noted that PM had previously suggested that the light heads were not fit for purpose as they had been hit by numerous buses. GB suggested that BMCL should get confirmation of which lights had been problematic and ask WSP to confirm the design is suitable.</p> <p>PM suggested that this needed to be discussed and the NHS/BMCL attributed costs identified. PM suggested that this item and PMI 411 should be issued as a single CE.</p> <p>GB advised that WSP are reviewing the design development. GB is in dialogue with D Campbell. It was suggested that the buses switching lanes had been hitting the lights. GW noted that there was 3 elements to this a) light repositioning, b) timing and c) sequencing. PM advised that BMCL should identify the sequencing costs for NHS review.</p> <p>GB advised that DCampbell is going to review on site later that day. Info will be provided to GW once known.</p> <p>GB advised that DC has carried out a desktop review and is satisfied that the design is ok. DC had advised that he would be carrying out a site walkround – feedback is awaited.</p> <p>GB noted that DCampbell had confirmed that the design is correct however the road was being used incorrectly. DCampbell had made some suggestions as to how could improve. GW provided a hard copy of the info.</p> <p>PM advised that confirmation of the costs was required from GW as it appeared that a replacement head was included in the costs. GB advised that DC had checked the design and construction and was satisfied they are acceptable.</p> <p>GW noted that he had provided costs and subsequently PM had requested that certain costs be removed. Information is awaited from Land Eng.</p> <p>GA noted that costs are awaited from Land Eng.</p> <p>LJ suggested that all the costs had been uploaded to Sypro. PM agreed to check Sypro for the info.</p> <p><b>GA noted that LJ had advised that costs have been uploaded. PM advised that he had issued a CE on basis of PMI 411. It was agreed this item could be closed.</b></p>	
3881	PMI 411	ARRIVAL SQUARE - ROAD WORKS	03/06/2015	<p>Please re-configure installed arrangement as follows.</p> <p>Transport Hub East - Northbound traffic and Fastlink - Two stop lines require to be relocated 2m prior to the primary poles, as discussed on site 2nd June 2015, NHS/BM/GCC.</p> <p>Transport Hub Puffins (centre) -Zig Zag markings on away side of crossing points require to be relocated a minimum distance of 1.7m / maximum 3m from road studs.</p> <p>Electrical supply - the electrical supply for the traffic signals will require to be separated and a</p>	

			<p>25/06/2015 23/07/2015 30/07/2015  06/08/2015 13/08/2015  27/08/2015 17/09/2015   24/09/2015  01/10/2015 08/10/2015 22/10/2015   12/11/2015  26/11/2015</p>	<p>circuit breaker installed outwith the lighting control panel so that street lighting and traffic signals are not both affected when either needs to be isolated for maintenance. Doors to Signals control boxes - in some locations the operation of the access doors is hampered by soft landscaping. GCC suggested two 600x600mm pc slabs should be placed in front of door where this opens onto grass or other area. PM advised that he would liaise with JPhillips re doing the works at the weekend. GW advised that BMCL were preparing pricing. GW advised that he now had the cost info. PM noted that GCC had suggested that the lights being on a single cable is not acceptable. DW advised that it is acceptable from an electrical perspective. GW noted this is WIP. PM stated that he understood that this item is WIP as of the previous week. GW advised he would check costs. GW noted that costs had been uploaded for NHS review. PM advised that the zig zag lines and hub puffins were agreed however he had gone back to GCC and been advised that it is illegal to wire traffic lights to street lights. GA advised that WW had confirmed that it is not illegal. PM requested that BMCL provide a breakdown of the costs and GW advised that the cost breakdown should be on Sypro. GW provided a hard copy of the cost info. PM noted that he needed the costs to be broken down. PM advised that the cost for the paving slabs at the box were not an NHS issue as is an access matter in that the slabs allowed people to be able to work in/at the box. GW advised that he was awaiting Land Eng to break down the costs GA noted that cost breakdown is awaited from Land Eng. PM noted that he had asked for additional info re 1- change to white lining 2- installation of new circuit 3- paving slabs in front of the feeder pillar GW was to separately itemise the first 2 items. PM did not think that the NHS should pay for item 3 LJ advised that she would upload the Mercury cost asap. PM enquired why the quote included an excavator/dump truck. LJ agreed to provide a revised cost break down. <b>PM advised that CE 156 had been issued earlier that day therefore this item could be closed.</b></p>	
4026	PMI 424	ADULT HOSPITAL HAEMATO-ONCOLOGY WARD LEVEL 4	<p>03/07/2015</p>	<p>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works.</p> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed.</p> <p>Procurement of 2 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed.</p> <p><i>Please proceed with the following design works and procurement of materials as follows; Re design of air handling system in Haemato-oncology ward (level 4) leading to the order, purchase and installation of a larger fan motor and associated equipment and works. The</i></p>	12/11/2015

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			<p>performance specification to be;</p> <ul style="list-style-type: none"><li>• 10-12 air changes hour</li><li>• Positive pressure differential between single bedrooms and corridor of 5-10 pascals, and between ward corridor and adjacent stairwells and atrium of 2-3 pascals or confirm maximum achievable during design stage.</li><li>• Propose solution to seal ceilings with current grid arrangement.</li><li>• Propose pressure monitoring solution for rooms viewable from corridor for each room.</li></ul> <p>Procurement of 30 No. new HEPA cartridge filters for the ward, and installation when instructed. Procurement of 5 No. HEPA cartridge filters for the HDU area on Level 1 within CCU Ward, with installation and commissioning when instructed. Please organise an preliminary meeting with design team and Board to establish scope in more detail. (Note 16th July - HEPA filters for CCW/HDU Level 1 NSGH increased from 2 to 5)</p>	
		23/07/2015	PM noted that he would provide a PMI for magnetic gauges. GW advised that BMCL are carrying out a lot of investigation works as to how have got to where we are. DH suggested that in reality what has been provided does not meet the CoS. GW advised that the Board had signed off the RDS and 1:50s. GB advised that the Board had signed off the ceiling plans, etc. DH suggested that it needed to be identified as to why it had changed from a sealed room to a non-sealed room. GW raised concern about growing costs of the investigations i.e. got [REDACTED] costs from ceiling contractor. There is concern that the level 4 changes PMI replicated what was there. PM advised that a way forward had been identified however the level 4 route needed to be looked at. Sign-off from infection control is required. The schedule of the AGVs needed to be checked. The RAMS for the work would need to be provided to the NHS for sign-off. HAI scribe will need to be completed. DH suggested that a User Meeting circa 27 <sup>th</sup> May 2010 was a significant date.	
		30/07/2015	DW advised that the PMI no longer ties up with the works being undertaken i.e. 6 air changes. PM advised that he had provided the spec to Gary Jenkins and no response had been provided back – if no response has been provided by 31/07/2015 then this would be the spec by which BMCL will be validated against. DW noted that a further 2 HEPA filters were scheduled to arrive on site the following day. PM was to asked which rooms were to be prioritised for these filters to be fitted.	
		06/08/2015	PM noted that PMI 430 had been issued re feasibility of installing the gauges. GA noted that the ceilings had been taken down in the single bedrooms and the plasterboard walls are going up – this was expected to be complete by the end of the following week. DL enquired about the potential timing for completion of the works and GA advised it was mid October. GW suggested that there are 2 elements to this issue with the 1 <sup>st</sup> element being due to the NHS and the 2 <sup>nd</sup> element being debateable. GW noted that BMCL are in the process of getting Nightingale to dig through their drawing sign-offs. DL suggested that a separate commercial discussion would be required.	
		13/08/2015	PM noted that there had been a few additions to this item (PMI 429 & PMI 430). GA noted that all plasterboard ceilings are complete, ames taping complete and the lighting, ceiling grilles and decoration works ongoing. BMCL proposed to carry out a sample test w/c 17/08/2015. The works remained on programme however programme to be updated to take account of installation of gauges and final permeability testing.	
		27/08/2015	PM noted that he understood BMCL were to be provided with PMIs for the magnehelics gauges	

			17/09/2015	and air permeability tests. GA advised that the works are ongoing and BMCL are progressing the fit out of the back boxes for the gauges whilst awaiting delivery of the gauges. DW advised that some of the gauges will sit potentially 30-40mm out from the wall where the boxes are being fitted into the concrete. PM enquired how BMCL proposed to detail this. GA advised that BMCL are currently identifying the detailing – may need to fabricate mdf or plastic cover. PM noted that the NHS do not see this item as being an NHS cost therefore costs would need to be discussed in a separate meeting. GW reported that this was not viewed as a BMCL cost. PM requested that BMCL provide a statement which outlines why BMCL consider the NHS are liable for this item.	
			01/10/2015	GW advised that information had been sent to PM outlining why BMCL consider the NHS to be liable for this item.	
			08/10/2015	GA advised that works are ongoing with regards to the gauges, commissioning of the gauges. DW will arrange training on the digital gauges for NHS Estates staff – potential date is 21 <sup>st</sup> October 2015. If nurses require training then further training would be arranged.	
			22/10/2015	PM noted that this item had been discussed at a meeting earlier that day with the Project Directors. PM understood that BMCL were to review the payment application for these works and provide a proposal. PM understood that works are still on line to complete as per programme.	
			12/11/2015	PM noted that the ward and validation information had all been handed over. It was noted that GW and DR are discussing costs. It was agreed that the PMI could be closed.	
			26/11/2015	PM noted that CE 159 had been issued. The costs had been agreed between DR and GW. It was agreed this item could be closed.	
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.  The names for the new hospitals are;  The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow  Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.	



			17/09/2015 24/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015 26/11/2015	<p>PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015       01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon.</p> <p>PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.</p> <p>LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:	

			<p>01/10/2015 08/10/2015 22/10/2015 12/11/2015  26/11/2015</p>	<p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired. <b>GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.</b></p>	
4610	PMI 444 -	THE-103 Scope store - Additional Ventilation	<p>25/09/2015  01/10/2015 22/10/2015  12/11/2015  26/11/2015</p>	<p>The Board request a cost to install additional ventilation to THE-103 Scope store to accommodate the heat output from the scope storage cabinets GW noted that the costing is ongoing GB advised that DW was investigating what needed to be done to install additional ventilation into that room. DW suggested that a duct would have to be taken from theatre ducting. BMCL had received a design from WWhittle however there is a bit of work involved in installing the additional ventilation and consideration would need to be given to the disruption factor, HAI Scribe needs, etc. <b>PM advised that CE 158 had been issued therefore this item could be closed.</b></p>	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	<p>22/10/2015    12/11/2015 26/11/2015</p>	<p>Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.</p> <p>Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up. <b>GA advised that the works were due to be commenced 3rd/4th December 2015.</b></p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	<p>27/10/2015   12/11/2015  26/11/2015</p>	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p> <p>The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE. <b>GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.</b></p>	

4831	PMI 450 -	Car Park 4 - Building Warrant Application	27/10/2015 26/11/2015	Please provide the Board with a cost to take the design to a stage suitable for making a full building warrant application. Costs to include all associated fees. PM advised that CE 155 had been issued therefore this item could be closed.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015 12/11/2015 26/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that they can prepare a price.	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity.	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view may be considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015	Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC; a) Induction loop to main out patient reception desk. b) PA system in main atrium. c) Static systems wall mounted nurse call panels in out patient departments.	

				Provide photocopy of key documents for reference in folder of lead manager.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p>	
5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015	<p>REH-049 – REHAB/TREATMENT ROOM Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18120	CE 156	ARRIVAL SQUARE - WHITE LINING AND POWER SUPPLY TO TRAFFIC SIGNALS	26/11/2015	The Board confirm works as set out in PMI 411 to reconfigure white lining at junctions in two locations and separate power supply to three sets of traffic signals from local street lighting, e.g on separate breakers in power pillar, all as requested by Glasgow City Council. Funded from Section 75 budget.  Cost confirmed by Project Manager as [REDACTED] incl )H+P but excluding VAT. Build up of costs attached.	02/12/2015
18122	CE 157	QEUH & RHC WORKS - ADDITIONAL FIRE STOPPING WORKS	26/11/2015	The Board confirm the requirement for post completion works by Brookfield Multiplex to reinstate fire stopping disturbed by 3rd party contractor works. (Note these additional works are not as a result of on going works or omissions by Brookfield Multiplex).  Agreed cost [REDACTED] excl VAT.	02/12/2015
18128	CE 158	RHC THEATRE DEPT SCOPE STORE - ADDITIONAL VENTILATION	26/11/2015	Please proceed with works to install additional ventilation to room THE-103., as scoped out under PMI444. The requirement for additional ventilation has result from and under estimation of the heat output from the 4 No drying cabinets transferred from Yorkhill. Cost allocated to Gp.2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	02/12/2015
18133	CE 159	QEUH WARD 4B - ADDITIONAL WORKS ASSOCIATED WITH UPGRADE OF WARD	26/11/2015	Cost arising from additional works to ceilings and M&E infrastructure associated with the general upgrade of the ward.  Agreed cost [REDACTED] incl OH+P but excluding VAT.	02/12/2015

### Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) **GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) **GA advised that DW could be asked to provide an update by email (26/11/2015)**

- Main Atrium floor tiles – GA advised that DL had asked AFernie to replace circa 40 floor tiles in the main atrium. BMCL view is that this is now an NHS issue. GB noted that the broken tiles appeared to be concentrated at the main entrance area and there had been a suggestion that the damage could have been caused by a pallet truck. GA enquired if the tile is fit for purpose. PM agreed to discuss this matter with DL. (17/09/2015) PM noted that he understood that works are underway and it is wip to get the detail of the ride-on machine weight. GB advised that he had asked Nightingale to provide information regarding the load rating of the tile. DH suggested that it would need to be understood if it is a damage or defect issue. PM noted that he planned to meet with JRedmond – SF to organise. (24/09/2015) GW suggested that the tiles had been broken through misuse and that BMCL should be paid for the works undertaken to replace the broken tiles as agreed between DL & AF. GW noted that BMCL will need to pay the contractor for the works. GW advised that the tile spec and grounding is correct (01/10/2015) GA advised that BMCL are still replacing the tiles. As the repairs are being carried out a drawing is being marked up which shows other damages. BMCL have photos of deliveries being made by pallet truck. BMCL have also identified some tiles that have a lip on them and have added these to the BMCL works as tiles with a lip would be a defect (08/10/2015) PM noted that this matter had been discussed at a meeting earlier that day with the Project Directors. PM noted that DL had given the go-ahead to pay for recent replacements. DL requested that GF investigate what type of trolleys/carts are being used for the retail unit deliveries. (22/10/2015) PM advised that a plan showing which tiles BMCL would be replacing had been received. GA noted that there is circa 20 tiles still to be replaced. PM noted that the problem is ongoing and that the NHS may need to bring in a building expert to look at the issue and provide feedback. (12/11/2015) GA advised that the last 20 tiles are due on site w/c 30/11/2015. There was 2-3 nights work required and the works would commence as soon as all the tiles are on site. PM suggested that the issue was still ongoing and that he may seek to obtain a second opinion. PM noted that there are tiles at the NCH atrium which need to be replaced as well. PM agreed to confirm the way forward. GA advised that he would ask G O'S to check the basement for any spare tiles and if there are spare tiles he would get the company to fit them. (26/11/2015)
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015)
- Visacom Panels. PM advised that he was being put under pressure to get the circa 64 visacom panels sorted. GA advised that TDSL have taken some spare doors back to the factory to use to identify a solution. GA noted that the 2 isolation room doors at Schiehallion were due on site w/c 30/11/2015 and BMCL would liaise with Jean Kirkwood for access to fit them. GA advised that it had been estimated that there will be circa 1200 sets which will need to be changed. BMCL are going through the door schedule to identify which ones need to be changed. PM suggested that in order to easily identify which visacom panels/doors had been replaced that it may be beneficial to change the door handles to a different colour.





**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 09/12/2015:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
			Work in progress
		22/10/2015 12/11/2015	GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
			GA advised that a drawing had been submitted and approval awaited from David Bratley. Subsequent to

			10/12/2015	approval, BMCL would expect a PMI with the approved drawing attached to instruct the works.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
			21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	

			<p>04/06/2015 11/06/2015 25/06/2015</p> <p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015 26/11/2015 10/12/2015</p>	<p>FS advised that GB is liaising with Mercury</p> <p>GB advised that this would be progressed once the works completed in the summer</p> <p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>GA noted that DW is chasing up Mercury for updated drawings</p> <p><b>GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.</b></p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015 08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p><b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015 01/10/2015 08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p><b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works.	

			17/09/2015	<p>A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p>	
			24/09/2015	<p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p>	
			01/10/2015	<p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack.</p>	

			<p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated in away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p> <p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished.	



			26/11/2015  10/12/2015	<p>To date only the following buildings have been released for demolition following the removal of ACM/s,</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed by Friday 4<sup>th</sup> December 2015.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015  26/11/2015  10/12/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p> <p>HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified.</p>	
27982	BMCL-EWN-169	ADVERSE WEATHER CONDITIONS	03/12/2015  10/12/2015	<p>We are currently experiencing delays to the works at the INS Entrance due to adverse weather conditions. The overall shift in programme commencement date has pushed the programme back such that we are erecting the structure and envelope works during the winter period which had not previously been envisaged.</p> <p>GA advised that this EW had only been raised to advise of the adverse weather experienced. BMCL would review the internal fit out elements and GA did not expect to move the programme.</p>	
28035	BMCL-EWN-170	Stage 3A Additional time required to process out patients	04/12/2015	<p>Further to the partial demolition and handover of the Out Patients building we can confirm that the original duration for the demolition and removal of this building cannot now be achieved due to the nature of the way it has been partially demolished. The materials generated from the partial demolition of this building have not been segregated adequately and as such this will have to be carried out retrospectively. We have also had to stop works currently in progress on site to make safe the piles of debris in preparation for the high winds forecast. There are also full drums of diesel and a bin containing potentially contaminated asbestos removal PPE that have been left within our site boundary, these require to be removed asap to allow works in this area to continue. The additional duration will be taken into account when the</p>	



			10/12/2015	programme is revised following the handover of the remaining building. HMc noted that the diesel drums had been left to the side and that the wheelie bin had been pushed out of the site.	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works. GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B<CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015	BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?	

Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	


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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/010/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the	

				panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015  26/11/2015  10/12/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve. GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015  26/11/2015 10/12/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.. GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015   10/12/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.  Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015   10/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment. GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 10/12/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p>	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.	
			17/09/2015	PM advised that he would approve the drawings asap and agreed to provide the response via Aconex	
			24/09/2015	GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.	
			01/10/2015	GB noted that a series of drawings had been issued and feedback from PM was awaited.	
			08/10/2015	GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.	
			22/10/2015	GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.	
			12/11/2015	PM noted that the Board were considering changing the colour of the signage/lettering as the sign	

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			26/11/2015 10/11/2015	<p>wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015       01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon.</p> <p>PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.</p> <p>LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015    01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding.</p> <p>GW noted that the costing is ongoing</p> <p>GA noted that the information was with the design and cost teams</p> <p>GB advised that the information had been provided to WSP for them to provide a design</p> <p>GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p>	

			26/11/2015  10/12/2015	GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.  LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015   12/11/2015 26/11/2015 10/12/2015	Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.  Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up. GA advised that the works were due to be commenced 3rd/4th December 2015. GA advised that the works had been completed. LJ to upload the cost and PM to raise CE.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015  12/11/2015 26/11/2015 10/12/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .  The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE. GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works. PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015  12/11/2015 26/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge , water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that they can prepare a price.	



			10/12/2015	GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area.	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015  10/12/2015	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.  GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs.	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity. LJ advised that info is awaited from AC Flooring	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible. LJ noted that information is with Designers and their design fee cost is awaited	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015  10/12/2015	Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC; a) Induction loop to main out patient reception desk. b) PA system in main atrium. c) Static systems wall mounted nurse call panels in out patient departments.  Provide photocopy of key documents for reference in folder of lead manager. PM advised that he suspected that any training would need to take place in the new year. The NHS rep who is co-ordinating members of staff to attend the training is currently on leave and the date proposed doesn't allow enough time for the NHS rep to organise staff to attend the training.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).  Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g	

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				<p>curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC.</p> <p>Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p> <p>10/12/2015</p> <p>It was noted that this info is with Workspace Design for them to provide a quote.</p>	
5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015	<p>REH-049 – REHAB/TREATMENT ROOM</p> <p>Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM</p> <p>Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p> <p>10/12/2015</p> <p>REH-049 - PM requested that BMCL organise for the Arjo rep to come to site so that PM can meet with the rep.</p> <p>REH -036 – GA noted that DW had advised that Mercury have reviewed and some works have subsequently been completed. The hairdryer socket however is unable to be fitted as this would contravene British Standards.</p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	17/12/2015	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p> <p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following;</p> <p>1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install.</p> <p>2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051.</p> <p>Refer attached datasheet.</p>	
5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p> <p>3) Extension of Tobermore paving from OB to Langlands Drive</p>	

				4) Access path across grasscrete to CP2 staircore. 5) Construction of grassed strips between office block and CMB/Carpark	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	23/12/2015	<p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18463	CE 160	RHC LEVEL 4 - DCFP DOOR LOCKS IN MAIN CORRIDOR	17/12/2015	Confirmation of PMI 452 for the installation of 7 No. star security locks to rooms DCFP-013, 021, 025, 027, 029, 038 and 048. Assign costs to Group 2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	
18501	CE 161	RHC AUDIOLOGY DEPT - CONTROL ROOMS OPD-083 & 086	22/12/2015	Remove fitted desks in Control Rooms as per PMI 448.  Agreed cost [REDACTED] incl OH+P but excl VAT.	

### Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015) **GA advised that the test rig is to be on site w/c 14/12/2015. Mercury to contact DBrattay and agree the programme of works. (10/12/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) **GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015)**



- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 22/12/2015:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
			GA advised that a drawing had been submitted and approval awaited from David Bratley. Subsequent to

			10/12/2015	approval, BMCL would expect a PMI with the approved drawing attached to instruct the works.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	
			21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	

			<p>04/06/2015 11/06/2015 25/06/2015</p> <p>30/07/2015</p> <p>05/08/2015 13/08/2015</p> <p>27/08/2015</p> <p>17/09/2015 24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015 26/11/2015 10/12/2015</p>	<p>FS advised that GB is liaising with Mercury</p> <p>GB advised that this would be progressed once the works completed in the summer</p> <p>GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>GA noted that DW is chasing up Mercury for updated drawings</p> <p><b>GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.</b></p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015</p> <p>01/10/2015 08/10/2015</p>	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p><b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015</p> <p>17/09/2015 01/10/2015 08/10/2015</p>	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p><b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works.	

			17/09/2015	<p>A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p>	
			24/09/2015	<p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p>	
			01/10/2015	<p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack.</p>	

			<p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated in away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p> <p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished.	

			26/11/2015  10/12/2015	<p>To date only the following buildings have been released for demolition following the removal of ACM/s,</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed by Friday 4<sup>th</sup> December 2015.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015  26/11/2015  10/12/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p> <p>HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified.</p>	
27982	BMCL-EWN-169	ADVERSE WEATHER CONDITIONS	03/12/2015  10/12/2015	<p>We are currently experiencing delays to the works at the INS Entrance due to adverse weather conditions. The overall shift in programme commencement date has pushed the programme back such that we are erecting the structure and envelope works during the winter period which had not previously been envisaged.</p> <p>GA advised that this EW had only been raised to advise of the adverse weather experienced. BMCL would review the internal fit out elements and GA did not expect to move the programme.</p>	
28035	BMCL-EWN-170	Stage 3A Additional time required to process out patients	04/12/2015	<p>Further to the partial demolition and handover of the Out Patients building we can confirm that the original duration for the demolition and removal of this building cannot now be achieved due to the nature of the way it has been partially demolished. The materials generated from the partial demolition of this building have not been segregated adequately and as such this will have to be carried out retrospectively. We have also had to stop works currently in progress on site to make safe the piles of debris in preparation for the high winds forecast. There are also full drums of diesel and a bin containing potentially contaminated asbestos removal PPE that have been left within our site boundary, these require to be removed asap to allow works in this area to continue. The additional duration will be taken into account when the</p>	

			10/12/2015	programme is revised following the handover of the remaining building. HMc noted that the diesel drums had been left to the side and that the wheelie bin had been pushed out of the site.	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works. GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B<CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015	BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	


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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/10/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the	

				panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015  26/11/2015  10/12/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve. GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015  26/11/2015 10/12/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.. GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015   10/12/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.  Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015   10/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment. GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as at 22/12/2015

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p>	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.	
			17/09/2015	PM advised that he would approve the drawings asap and agreed to provide the response via Aconex	
			24/09/2015	GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.	
			01/10/2015	GB noted that a series of drawings had been issued and feedback from PM was awaited.	
			08/10/2015	GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.	
			22/10/2015	GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.	
			12/11/2015	PM noted that the Board were considering changing the colour of the signage/lettering as the sign	

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			26/11/2015 10/11/2015	<p>wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.</p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTAL TERTIARY BLINDS REPAIRS	17/09/2015       01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p> <p>GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info.</p> <p>GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon.</p> <p>PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap.</p> <p>LJ advised that Structal have stated in the O&amp;M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation.</p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015    01/10/2015 08/10/2015 22/10/2015 12/11/2015	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding.</p> <p>GW noted that the costing is ongoing</p> <p>GA noted that the information was with the design and cost teams</p> <p>GB advised that the information had been provided to WSP for them to provide a design</p> <p>GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p>	

			26/11/2015  10/12/2015	GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.  LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015    12/11/2015 26/11/2015 10/12/2015	Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.  Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up. GA advised that the works were due to be commenced 3rd/4th December 2015. GA advised that the works had been completed. LJ to upload the cost and PM to raise CE.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015   12/11/2015  26/11/2015  10/12/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .  The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE. GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works. PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015      12/11/2015   26/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge , water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that the can prepare a price.	



			10/12/2015	GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area.	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015  10/12/2015	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.  GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs.	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity. LJ advised that info is awaited from AC Flooring	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible. LJ noted that information is with Designers and their design fee cost is awaited	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015  10/12/2015	Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC; a) Induction loop to main out patient reception desk. b) PA system in main atrium. c) Static systems wall mounted nurse call panels in out patient departments.  Provide photocopy of key documents for reference in folder of lead manager. PM advised that he suspected that any training would need to take place in the new year. The NHS rep who is co-ordinating members of staff to attend the training is currently on leave and the date proposed doesn't allow enough time for the NHS rep to organise staff to attend the training.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).  Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g	



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				<p>curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC.</p> <p>Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p> <p>10/12/2015</p> <p>It was noted that this info is with Workspace Design for them to provide a quote.</p>	
5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015	<p>REH-049 – REHAB/TREATMENT ROOM</p> <p>Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM</p> <p>Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p> <p>10/12/2015</p> <p>REH-049 - PM requested that BMCL organise for the Arjo rep to come to site so that PM can meet with the rep.</p> <p>REH -036 – GA noted that DW had advised that Mercury have reviewed and some works have subsequently been completed. The hairdryer socket however is unable to be fitted as this would contravene British Standards.</p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	17/12/2015	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p> <p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following;</p> <p>1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install.</p> <p>2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051.</p> <p>Refer attached datasheet.</p>	
5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p> <p>3) Extension of Tobermore paving from OB to Langlands Drive</p>	

				<p>4) Access path across grasscrete to CP2 staircore.</p> <p>5) Construction of grassed strips between office block and CMB/Carpark</p>	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	23/12/2015	<p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18463	CE 160	RHC LEVEL 4 - DCFP DOOR LOCKS IN MAIN CORRIDOR	17/12/2015	Confirmation of PMI 452 for the installation of 7 No. star security locks to rooms DCFP-013, 021, 025, 027, 029, 038 and 048. Assign costs to Group 2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	
18501	CE 161	RHC AUDIOLOGY DEPT - CONTROL ROOMS OPD-083 & 086	22/12/2015	Remove fitted desks in Control Rooms as per PMI 448.  Agreed cost [REDACTED] incl OH+P but excl VAT.	

### Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015) **GA advised that the test rig is to be on site w/c 14/12/2015. Mercury to contact DBrattay and agree the programme of works. (10/12/2015)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) **GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015)**


- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 27/01/2016:

<div style="text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Brattay. Subsequent to



			14/01/2016	<p>approval, BMCL would expect a PMI with the approved drawing attached to instruct the works.</p> <p><b>GF noted that the drawings are with DB &amp; IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley &amp; Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.</b></p>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p> <p>07/05/2015</p> <p>14/05/2015</p> <p>21/05/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p> <p>GB noted that collation of the Building Warrants is WIP</p> <p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p>	

			<p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>13/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>27/08/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>17/09/2015 DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>24/09/2015 GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>01/10/2015 GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>08/10/2015 GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>22/10/2015 GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>12/11/2015 DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>26/11/2015 GA noted that DW is chasing up Mercury for updated drawings</p> <p>10/12/2015 GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.</p> <p>14/01/2016 <b>GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.</b></p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015 Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>01/10/2015 GA advised that a revised programme had been issued</p> <p>08/10/2015 <b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p>
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	<p>10/09/2015 Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>17/09/2015 GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>01/10/2015 GA advised that a revised programme had been issued</p> <p>08/10/2015 <b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed</b></p>	<p>*****</p>

				but to remain on tracker until the end of the works.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015  24/09/2015  01/10/2015	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM</p>	

			<p>noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>12/11/2015 GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>26/11/2015 GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p> <p>10/12/2015 GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the</p>	
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			14/01/2016	<p>labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p><b>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</b></p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUILDINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p><b>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</b></p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	<p>24/11/2015</p> <p>26/11/2015</p>	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p>	

			10/12/2015  14/01/2016	HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified. <b>GA noted that the remainder of the staff were scheduled to undergo the training w/c 18/01/2016 at Fairfield Offices.</b>	
27982	BMCL-EWN-169	ADVERSE WEATHER CONDITIONS	03/12/2015  10/12/2015  14/01/2016	We are currently experiencing delays to the works at the INS Entrance due to adverse weather conditions. The overall shift in programme commencement date has pushed the programme back such that we are erecting the structure and envelope works during the winter period which had not previously been envisaged. GA advised that this EW had only been raised to advise of the adverse weather experienced. BMCL would review the internal fit out elements and GA did not expect to move the programme. <b>GA noted that this EW had been issued as a note.</b>	
28035	BMCL-EWN-170	Stage 3A Additional time required to process out patients	04/12/2015    10/12/2015  14/01/2016	Further to the partial demolition and handover of the Out Patients building we can confirm that the original duration for the demolition and removal of this building cannot now be achieved due to the nature of the way it has been partially demolished. The materials generated from the partial demolition of this building have not been segregated adequately and as such this will have to be carried out retrospectively. We have also had to stop works currently in progress on site to make safe the piles of debris in preparation for the high winds forecast. There are also full drums of diesel and a bin containing potentially contaminated asbestos removal PPE that have been left within our site boundary, these require to be removed asap to allow works in this area to continue. The additional duration will be taken into account when the programme is revised following the handover of the remaining building. HMc noted that the diesel drums had been left to the side and that the wheelie bin had been pushed out of the site. <b>It was agreed this item could be closed.</b>	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015   14/01/2016	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works. GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B<CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW. <b>GA noted that BMCL had completed their investigative works and surveys.</b>	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015  14/01/2016	BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required? <b>GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum.</b>	



28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. <b>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. <b>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</b>	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/010/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the	

			14/01/2016	panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting. <b>GA noted that Structural were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</b>	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015 26/11/2015 10/12/2015 14/01/2016	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve. GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break. <b>DW noted that the works are complete and JMiller will liaise with IPowrie regarding training. There appears to be a difference in opinion with users which IP is working through.</b>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015 26/11/2015 10/12/2015 14/01/2016	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.. GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS <b>GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</b>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015  10/12/2015  14/01/2016	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.  Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day. <b>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and</b>	

				been advised that the mechanism works as desired. BMCL had agreed to do replacement to level, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015  10/12/2015  14/01/2016	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment. GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well. GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 14/01/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as</p>	

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			<p>23/07/2015 30/07/2015 06/08/2015</p> <p>13/08/2015</p> <p>27/08/2015 17/09/2015</p> <p>24/09/2015</p> <p>01/10/2015 08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p> <p>10/11/2015 14/01/2016</p>	<p>per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.</p> <p>PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.</p> <p><b>GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016.</b></p>	
4546	PMI 439	ADULT HOSPITAL - STRUCTURAL TERTIARY BLINDS REPAIRS	17/09/2015	<p>Please provide stand flat rate costs per location for the following types of repairs following misuse of blinds.</p> <p>Please provide unit cost for repairs as follows;</p> <p>a) Repair wand connection and bring blind back into full operation.</p> <p>b) Repair blind cord at head where has been pulled externally and bring blind back into full operation.</p> <p>c) Repair blind in space where has dropped or jammed and bring blind back into full operation.</p> <p>It is understood that around 70 locations are affected.</p>	

			01/10/2015 08/10/2015 22/10/2015 12/11/2015  14/01/2016	GA advised that the QS that BMCL were dealing with has subsequently left Structal and BMCL are working with the new QS to obtain this info. GA advised that Jordan had carried out a walkround with the Structal surveyor to look at the different types of repairs that are required and it was anticipated that the cost information would be provided soon. PM advised that the blinds need to be sorted asap. PM requested that the cost information be provided asap. LJ advised that Structal have stated in the O&M that Euroclad carries out their repairs however BMCL do not contract with Euroclad so BMCL are in discussion with Structal to identify way forward. PM enquired if it would be possible for the NHS to contract with Euroclad and this was confirmed. LJ noted that she was checking the warranty in relation to the removal of the internal glass. PM suggested that the internal glass should not need to be removed. LJ agreed to provide a copy of the quotation. <b>PM advised that the NHS were trying to progress this matter therefore item is closed for BMCL.</b>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015   01/10/2015 08/10/2015 22/10/2015 12/11/2015  26/11/2015 10/12/2015  14/01/2016	The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:  <a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a>  Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired. GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss. LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service. <b>GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCox by BMCL.</b>	
4807	PMI 448 -	RHC AUDIOLOGY DEPT - ROOMS OPD-086 LOBBY & OPD - 083 LOBBY	22/10/2015         12/11/2015	Please carefully remove the two fitted worktops and metal tube legs in each of the two rooms noted above. Clean off any silicone sealant from wall and touch up decoration as required. Leave prefinished white timber support on wall at junction of worktop and wall. Contact Estates and deliver worktops into storage in basement for future use.  Please contact Jim Harrigan to make arrangements for removal. LJ advised that the quotation was still awaited however she would chase this up.	

			26/11/2015 10/12/2015 14/01/2016	GA advised that the works were due to be commenced 3rd/4th December 2015. GA advised that the works had been completed. LJ to upload the cost and PM to raise CE. <b>It was agreed this item could be closed as CE 161 had been issued.</b>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015   12/11/2015  26/11/2015  10/12/2015  14/01/2016	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p> <p>The attachment is the area to be removed shown marked in blue.</p> <p>GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.</p> <p>GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.</p> <p>PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.</p> <p><b>GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off</b></p>	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015   12/11/2015  26/11/2015 10/12/2015  14/01/2016	<p>Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge , water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter.</p> <p>GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample.</p> <p>GA advised that Central are looking to get access to the area so that they can prepare a price.</p> <p>GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area.</p> <p><b>PM noted that the costs had been uploaded to Sypro and he would issue a CE for this item</b></p>	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015   10/12/2015	<p>Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.</p> <p>GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs.</p>	



			14/01/2016	<b>GA noted that a sample has been approved and fitting would be progressed by MMM joinery asap.</b>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015 14/01/2016	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity. LJ advised that info is awaited from AC Flooring <b>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</b>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015       10/12/2015 14/01/2016	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible. LJ noted that information is with Designers and their design fee cost is awaited <b>GA noted that LJ is awaiting Nightingale fee offer.</b>	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015    10/12/2015  14/01/2016	Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC; a) Induction loop to main out patient reception desk. b) PA system in main atrium. c) Static systems wall mounted nurse call panels in out patient departments.  Provide photocopy of key documents for reference in folder of lead manager. PM advised that he suspected that any training would need to take place in the new year. The NHS rep who is co-ordinating members of staff to attend the training is currently on leave and the date proposed doesn't allow enough time for the NHS rep to organise staff to attend the training. <b>DW noted that the training had been scheduled for today however had been cancelled and subsequently rescheduled to take place on 18 Jan 2016.</b>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).  Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-	

			10/12/2015 14/01/2016	<p>014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote.</p> <p><b>GA noted that LJ has received costs and will upload to Sypro by close of business that day.</b></p>	
5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015          10/12/2015    14/01/2016	<p>REH-049 – REHAB/TREATMENT ROOM Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer. REH-049 - PM requested that BMCL organise for the Arjo rep to come to site so that PM can meet with the rep. REH -036 – GA noted that DW had advised that Mercury have reviewed and some works have subsequently been completed. The hairdryer socket however is unable to be fitted as this would contravene British Standards.</p> <p><b>PM noted that Arjo Huntleigh are to be organised to come back to site and that Jordan is progressing this.</b></p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	17/12/2015          14/01/2016	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p> <p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following; 1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install. 2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051. Refer attached datasheet.</p> <p><b>PM noted that the users have advised that they do not consider the baskets as a ligature risk. PM requested that BMCL progress the fitting of the baskets asap as the Board Chairman has taken an interest in the DCFP area. DW advised that the retrofit of the basket may cause difficulty re warranty. DW agreed to get an update from LJ and provide feedback asap.</b></p>	
5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p>	

				Provide a quotation to include the following; 1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard. 2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive 3) Extension of Tobermore paving from OB to Langlands Drive 4) Access path across grasscrete to CP2 staircore. 5) Construction of grassed strips between office block and CMB/Carpark <b>GA noted that LJ is awaiting costs from LE</b>	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	14/01/2016 23/12/2015 14/01/2016	Please provide a price to undertake the following works, refer attached sketch drawings.  Please provide a price to undertake the following works, refer attached sketch drawings. Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads. Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards. <b>DW advised that he would liaise with LJ for an update.</b>	
5230	PMI 461 HV	Infrastructure Works	20/01/2016	The Board are progressing with the installation of HV Infrastructure on the QEUH Campus, with a section of the cable route running through the current Phase 3a Demolition Site  Proceed with the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely; 1) Excavation of track approximately 50m. 2) Installation of 3No. 200mm uPVC Ducts including draw ropes. 3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level 4) Forming 2No. temporary draw pits.	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18463	CE 160	RHC LEVEL 4 - DCFP DOOR LOCKS IN MAIN CORRIDOR	17/12/2015	Confirmation of PMI 452 for the installation of 7 No. star security locks to rooms DCFP-013, 021, 025, 027, 029, 038 and 048. Assign costs to Group 2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	
18501	CE 161	RHC AUDIOLOGY DEPT - CONTROL ROOMS OPD-083 & 086	22/12/2015	Remove fitted desks in Control Rooms as per PMI 448.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
18824	CE 162	PHASE 3A - SURFACE CAR PARK 4 - CONSTRUCTION PHASE	26/01/2016	Brookfield Multiplex are to proceed with the construction of the surface car park works as set out in PMI 320 and as detailed in the approved planning submission from Glasgow City Council. Target completion date is 30 June 2016, with a revised programme to be submitted within one week of this CE issue.	

## Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015) GA advised that the test rig is to be on site w/c 14/12/2015. Mercury to contact DBrattay and agree the programme of works. (10/12/2015) **DW advised that HPI are due on site at the beginning of February doing a maintenance visit and will carry out the works then (14/01/2016)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from

IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016)



- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016)
- CE 156 – 3 sets of supply onto a single switch – DW noted that he has an agreed proposal as to how to progress this matter. However, to carry out the works will require that the traffic lights are switched off. IP and JW are discussing (14/01/2016)
- Signal at crossing point – PM noted that one of them is loose and that he would provide contact details of John Sharkey to JPhillips (14/01/2016)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 05/02/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Bratney. Subsequent to

			14/01/2016	approval, BMCL would expect a PMI with the approved drawing attached to instruct the works. GF noted that the drawings are with DB & IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley & Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.	
			28/01/2016	<b>GF advised that he is trying to progress the sign-off and return of the drawings.</b>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.	

			<p>21/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>28/05/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>04/06/2015 FS advised that GB is liaising with Mercury</p> <p>11/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>25/06/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>30/07/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>05/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>13/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>27/08/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>17/09/2015 DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>24/09/2015 GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>01/10/2015 GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>08/10/2015 GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>22/10/2015 GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>12/11/2015 DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>26/11/2015 GA noted that DW is chasing up Mercury for updated drawings</p> <p>10/12/2015 GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.</p> <p>14/01/2016 GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.</p> <p>28/01/2016 <b>GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB.</b></p>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	<p>10/09/2015 Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>01/10/2015 GA advised that a revised programme had been issued</p> <p>08/10/2015 <b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p>

26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p> <p><b>PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.</b></p>	*****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to</p>	

			01/10/2015	<p>review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
			22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
			12/11/2015	<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
			26/11/2015	<p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
			10/12/2015	<p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised</p>	

			<p>14/01/2016</p> <p>28/01/2016</p>	<p>programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p> <p><b>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos.</b></p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	<p>24/11/2015</p> <p>26/11/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>



			10/12/2015	estimated. HMc noted that all buildings had been handed over by Friday 4 <sup>th</sup> December 2015.	
2788 6	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015  26/11/2015  10/12/2015  14/01/2016  28/01/2016	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p> <p>HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified.</p> <p>GA noted that the remainder of the staff were scheduled to undergo the training w/c 18/01/2016 at Fairfield Offices.</p> <p><b>GA advised that the training had now been provided. LJ requested a PMI for the cost which BMCL have encountered.</b></p>	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015    14/01/2016 28/01/2016	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p> <p>GA noted that BMCL had completed their investigative works and surveys.</p> <p><b>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night.</b></p>	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015  14/01/2016  28/01/2016	<p>BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?</p> <p><b>GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum. LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA requested a scope for the works.</b></p>	



28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. <b>GF noted that the asbestos had been removed the previous day.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016 14/01/2016 28/01/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. <b>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</b>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	<p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
			13/08/2015	<p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p>	
			27/08/2015	<p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p>	
			17/09/2015	<p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
			24/09/2015	<p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p>	
			01/010/2015	<p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
			08/10/2015	<p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
			22/10/2015	<p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
			12/11/2015	<p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
			26/11/2015	<p>GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
			10/12/2015	<p>GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the</p>	

			14/01/2016  28/01/2016	panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting. GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.  <b>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1st Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</b>	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015  26/11/2015  10/12/2015  14/01/2016  28/01/2016	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap. GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve. GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break. DW noted that the works are complete and JMiller will liaise with IPowrie regarding training. There appears to be a difference in opinion with users which IP is working through. <b>GA advised that JMiller is awaiting on confirmation from Estates as to when the training is to be provided. PM advised that BMCL should go ahead and organise the training.</b>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015  26/11/2015 10/12/2015 14/01/2016   28/01/2016	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap. GA noted that GB had been chasing WSP for the report.. GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop. <b>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCox to go through the report. The report would subsequently be issued to the NHS asap.</b>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015       10/12/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.       Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion	

			14/01/2016	needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
			28/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured. <b>GA advised that WIP to level 8.</b> <b>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</b>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	
			10/12/2015	GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	
			14/01/2016	GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	
			28/01/2016	<b>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</b>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 05/02/2016

						
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions		Date Closed Out/Status

A51679245

4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.
				The names for the new hospitals are;
				The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow
				Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.
			17/09/2015	PM advised that he would approve the drawings asap and agreed to provide the response via Aconex
			24/09/2015	GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.
			01/10/2015	GB noted that a series of drawings had been issued and feedback from PM was awaited.
			08/10/2015	GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.
			22/10/2015	GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.
			12/11/2015	PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.
			26/11/2015	GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.
			10/11/2015	GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.
			14/01/2016	GA advised that the revised signage was due mid Feb and the duct works would be commenced 25 <sup>th</sup> Jan 2016.
			28/01/2016	GA noted that signage will start to be installed the following day and the lights would be

				<b>installed mid Feb 2016.</b>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015</p> <p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p>	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding.</p> <p>GW noted that the costing is ongoing</p> <p>GA noted that the information was with the design and cost teams</p> <p>GB advised that the information had been provided to WSP for them to provide a design</p> <p>GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p> <p>GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.</p> <p>LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.</p> <p>GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCoX by BMCL.</p> <p><b>LJ noted that the design costs had been uploaded to Sypro earlier that day for NHS review/approval.</b></p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	<p>27/10/2015</p> <p>12/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p>	<p>The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p> <p>The attachment is the area to be removed shown marked in blue.</p> <p>GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.</p> <p>GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.</p> <p>PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.</p> <p>GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off</p> <p><b>GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the</b></p>	



				<b>new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.</b>	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015  12/11/2015  26/11/2015 10/12/2015  14/01/2016 28/01/2016	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that they can prepare a price. GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area. PM noted that the costs had been uploaded to Sypro and he would issue a CE for this item <b>GA advised that the works were complete and the cost info was to be provided to the NHS for input to Sypro.</b>	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015  10/12/2015  14/01/2016 28/01/2016	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff. GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs. GA noted that a sample has been approved and fitting would be progressed by MMM joinery asap. <b>GA advised that the locks delivery is awaited. PM noted that he had advised the users that it would likely be 5-6 weeks.</b>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015 14/01/2016  28/01/2016	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity. LJ advised that info is awaited from AC Flooring GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete. <b>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</b>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 & 178	01/12/2015	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.	

			10/12/2015 14/01/2016 28/01/2016	<p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p><b>LJ advised that the quotation had been uploaded to Sypro for NHS review</b></p>	
5063	PMI 455	RHC BUILDING SYSTEMS IN MAIN ENTRANCE	01/12/2015  10/12/2015 14/01/2016 28/01/2016	<p>Please organise and provide a 1/2 day teach-in for senior staff on the operation of the following systems in RHC;</p> <ul style="list-style-type: none"> <li>a) Induction loop to main out patient reception desk.</li> <li>b) PA system in main atrium.</li> <li>c) Static systems wall mounted nurse call panels in out patient departments.</li> </ul> <p>Provide photocopy of key documents for reference in folder of lead manager.</p> <p>PM advised that he suspected that any training would need to take place in the new year. The NHS rep who is co-ordinating members of staff to attend the training is currently on leave and the date proposed doesn't allow enough time for the NHS rep to organise staff to attend the training.</p> <p>DW noted that the training had been scheduled for today however had been cancelled and subsequently rescheduled to take place on 18 Jan 2016.</p> <p><b>It was agreed that this item could be closed as training had been completed.</b></p>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015  10/12/2015 14/01/2016 28/01/2016	<p>Room OPD-015 MEETING ROOM</p> <p>Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04.</p> <p>(Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM</p> <p>Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC.</p> <p>Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p> <p>It was noted that this info is with Workspace Design for them to provide a quote.</p> <p>GA noted that LJ has received costs and will upload to Sypro by close of business that day.</p> <p><b>LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.</b></p>	

5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	02/12/2015	<p>REH-049 – REHAB/TREATMENT ROOM</p> <p>Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p>	
			10/12/2015	<p>REH-036 – SHOWER ROOM</p> <p>Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p> <p>REH-049 - PM requested that BMCL organise for the Arjo rep to come to site so that PM can meet with the rep.</p> <p>REH -036 – GA noted that DW had advised that Mercury have reviewed and some works have subsequently been completed. The hairdryer socket however is unable to be fitted as this would contravene British Standards.</p>	
			14/01/2016	<p>PM noted that Arjo Huntleigh are to be organised to come back to site and that Jordan is progressing this.</p>	
			28/01/2016	<p><b>PM advised that he would provide a CE for this item as the NHS needed Arjo to come back to site.</b></p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	17/12/2015	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p>	
			14/01/2016	<p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following;</p> <p>1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install.</p> <p>2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051.</p> <p>Refer attached datasheet.</p> <p>PM noted that the users have advised that they do not consider the baskets as a ligature risk. PM requested that BMCL progress the fitting of the baskets asap as the Board Chairman has taken an interest in the DCFP area. DW advised that the retrofit of the basket may cause difficulty re warranty. DW agreed to get an update from LJ and provide feedback asap.</p>	
			28/01/2016	<p><b>PM advised that DW has provided an email and on the basis of this email PM had advised the users that there is a difficulty in getting warranty on the system if baskets are installed.</b></p>	
5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p>	
				<p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p>	



Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	
18463	CE 160	RHC LEVEL 4 - DCFP DOOR LOCKS IN MAIN CORRIDOR	17/12/2015	Confirmation of PMI 452 for the installation of 7 No. star security locks to rooms DCFP-013, 021, 025, 027, 029, 038 and 048. Assign costs to Group 2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	
18501	CE 161	RHC AUDIOLOGY DEPT - CONTROL ROOMS OPD-083 & 086	22/12/2015	Remove fitted desks in Control Rooms as per PMI 448.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
18824	CE 162	PHASE 3A - SURFACE CAR PARK 4 - CONSTRUCTION PHASE	26/01/2016  28/01/2016	Brookfield Multiplex are to proceed with the construction of the surface car park works as set out in PMI 320 and as detailed in the approved planning submission from Glasgow City Council. Target completion date is 30 June 2016, with a revised programme to be submitted within one week of this CE issue.  Agreed cost [REDACTED] incl OH+P but excl. VAT. <b>It was noted that sign-off of the building warrant is awaited.</b>	
18931	CE 162A	RHC REHABILITATION DEPARTMENT ROOM REH-049 VESTIBULAR HOOK	03/02/2016	Please proceed with design for gantry to support vestibular hook, all as per design information supplied under PMI 443. Please provide design for approval, cost to fabricate and install and programme to install.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
18933	CE 163	RHC REHABILITATION DEPARTMENT - ROOM REH 049 TREATMENT ROOM	03/02/2016	Works as set out in PMI 457. In Room REH-049 shorten track and re-commission Arjo Huntleigh Maxi Sky Lift. Make adjustments to ceiling grid and tiles as required.  Agreed cost [REDACTED] incl OH+P but excl. VAT	

## Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015) GA advised that the test rig is to be on site w/c 14/12/2015. Mercury to contact DBrattay and agree the programme of works. (10/12/2015) DW advised that HPI are due on site at the beginning of February doing a maintenance visit and will carry out the works then (14/01/2016)

**GA advised that the works have been programmed to take place on 9/10<sup>th</sup> Feb 2016. (28/01/2016)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from

IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) **It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016)**

- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016) **It was noted that DW is awaiting an update from JKeenan (28/01/2016)**
- CE 156 – 3 sets of supply onto a single switch – DW noted that he has an agreed proposal as to how to progress this matter. However, to carry out the works will require that the traffic lights are switched off. IP and JW are discussing (14/01/2016) **GA advised that JMiller had issued an email outlining what needed to be carried out to do the works. PM enquired if BMCL could provide a couple of paras about what BMCL will be doing. PM advised that he would be happy to meet JMiller if required the following week. GA advised that a temporary traffic management plan could be put in place however the quote did not include for traffic management. LJ was requested to progress this with LEng. PM noted that the traffic management would need to ensure that the traffic into the bus lanes is managed. HMc to be involved in any discussions so can co-ordinate. (28/01/2016)**
- Signal at crossing point – PM noted that one of them is loose and that he would provide contact details of John Sharkey to JPhillips (14/01/2016) **GA advised that he had checked and was unable to find any loose. PM advised that he would email John Sharkey for confirmation of which signal was loose. (18/01/2016)**



**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 11/02/2016:



Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	03/12/2014  04/12/2014  08/01/2015 15/01/2015  22/01/2015  29/01/2015  05/02/2015  19/02/2015  26/02/2015  05/03/2015  12/03/2015 19/03/2015	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Bratney. Subsequent to

			14/01/2016	approval, BMCL would expect a PMI with the approved drawing attached to instruct the works. GF noted that the drawings are with DB & IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley & Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.	
			28/01/2016 11/02/2016	GF advised that he is trying to progress the sign-off and return of the drawings. <b>GF noted that the drawing was being revised and a PMI would be issued to BMCL in due course. It was proposed that a walkround should be organised.</b>	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.	
			07/05/2015	GB noted that collation of the Building Warrants is WIP	
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury	

			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	<b>It was noted that this continues to be WIP with GB packaging up the drawings for issue.</b>	

26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	<p>Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date.</p> <p>GA advised that a revised programme had been issued</p> <p><b>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</b></p>	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	<p>Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information.</p> <p>GA noted that this had cost Land Eng a 1 week delay to the programme.</p> <p>GA advised that a revised programme had been issued</p> <p>Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.</p> <p><b>PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.</b></p>	<p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	<p>Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached.</p> <p>GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&amp;C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped,</p>	

			01/10/2015	<p>witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
			22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMII/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
			12/11/2015	<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
			26/11/2015	<p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
			10/12/2015	<p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that</p>	



			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p> <p>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p> <p><b>It was noted that a revised programme has been issued which updates on the works</b></p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p>	<p>*****</p> <p>All delays to be</p>



			26/11/2015	<p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p>	<p>reviewed at the end of the programme</p> <p>*****</p>
			10/12/2015	<p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p>	
			26/11/2015	<p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p>	
			10/12/2015	<p>HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified.</p>	
			14/01/2016	<p>GA noted that the remainder of the staff were scheduled to undergo the training w/c 18/01/2016 at Fairfield Offices.</p>	
			28/01/2016	<p>GA advised that the training had now been provided. LJ requested a PMI for the cost which BMCL have encountered</p>	
			11/02/2016	<p><b>It was noted that BMCL are awaiting the issue of the PMI from the NHS.</b></p>	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p>	
			10/12/2015	<p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p>	
			14/01/2016	<p>GA noted that BMCL had completed their investigative works and surveys.</p>	
			28/01/2016	<p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a</p>	

			11/02/2016	night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. <b>It was noted that the works have been carried out. Item to remain on tracker until demolition works complete.</b>	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015 14/01/2016 28/01/2016 11/02/2016	BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required? GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum. LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA requested a scope for the works. <b>It was noted that BMCL are awaiting the issue of the PMI from the NHS for the design and install of BMS. Allowance within project budget costs.</b>	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016 11/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. <b>It was noted that the delays are approx 2 weeks</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016 14/01/2016 28/01/2016 11/02/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. <b>It was noted that the strip out is to be progressed.</b>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/010/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the	

			14/01/2016 28/01/2016 11/02/2016	<p>panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p><b>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structural panel is on order and mastic works.</b></p>	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015 26/11/2015 10/12/2015 14/01/2016 28/01/2016 11/02/2016	<p>The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap.</p> <p>GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve.</p> <p>GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break.</p> <p>DW noted that the works are complete and JMiller will liaise with IPowrie regarding training. There appears to be a difference in opinion with users which IP is working through.</p> <p>GA advised that JMiller is awaiting on confirmation from Estates as to when the training is to be provided. PM advised that BMCL should go ahead and organise the training.</p> <p><b>GF agreed to email IP in order to progress the training.</b></p>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015 26/11/2015 10/12/2015 14/01/2016 28/01/2016 11/02/2016	<p>The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.</p> <p>GA noted that GB had been chasing WSP for the report.</p> <p>GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS</p> <p>GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</p> <p>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCox to go through the report. The report would subsequently be issued to the NHS asap.</p> <p><b>It was noted that BMCL had received correspondence from WSP earlier that day . Letter would be issued to the NHS asap.</b></p>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p> <p>Note this defect has become a serious and disruptive operational matter, and should be given priority to</p>	

			10/12/2015	secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.	
			28/01/2016	GA advised that WIP to level 8. Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.	
			11/02/2016	<b>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward. GA noted that the encapsulated door sample was to be offered to the NHS for review.</b>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	
			10/12/2015	GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put is as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	
			14/01/2016	GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	
			28/01/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			11/02/2016	<b>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).</b>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 24/02/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p>	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.	
			27/08/2015	PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.	
			17/09/2015	PM advised that he would approve the drawings asap and agreed to provide the response via Aconex	
			24/09/2015	GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.	
			01/10/2015	GB noted that a series of drawings had been issued and feedback from PM was awaited.	
			08/10/2015	GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.	
			22/10/2015	GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.	
			12/11/2015	PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be	

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			<p>26/11/2015 replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>10/11/2015 GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>14/01/2016 GA advised that the signs had been ordered and a delivery date was awaited from Land Eng. GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016.</p> <p>28/01/2016 GA noted that signage will start to be installed the following day and the lights would be installed mid Feb 2016.</p> <p>11/02/2016 <b>GA noted that the lights would be on by 19<sup>th</sup> Feb 2016.</b></p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015 The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>01/10/2015 Allowance to be included for boxing in the vertical posts and altering the wall padding.</p> <p>08/10/2015 GW noted that the costing is ongoing</p> <p>22/10/2015 GA noted that the information was with the design and cost teams</p> <p>12/11/2015 GB advised that the information had been provided to WSP for them to provide a design</p> <p>26/11/2015 GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p> <p>10/12/2015 GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.</p> <p>14/01/2016 LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.</p> <p>28/01/2016 GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCoX by BMCL.</p> <p>11/02/2016 LJ noted that the design costs had been uploaded to Sypro earlier that day for NHS review/approval.</p> <p><b>It was noted that BMCL are awaiting the issue of the CE from the NHS.</b></p>	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	<p>27/10/2015 The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .</p> <p>12/11/2015 The attachment is the area to be removed shown marked in blue.</p> <p>GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing</p>	

			<p>26/11/2015 Management Building. PM agreed to look out the CE.</p> <p>10/12/2015 GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.</p> <p>14/01/2016 PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.</p> <p>28/01/2016 GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off</p> <p>11/02/2016 GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.</p> <p><b>GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.</b></p>	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	<p>09/11/2015 Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter.</p> <p>12/11/2015 GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample.</p> <p>26/11/2015 GA advised that Central are looking to get access to the area so that they can prepare a price.</p> <p>10/12/2015 GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area.</p> <p>14/01/2016 PM noted that the costs had been uploaded to Sypro and he would issue a CE for this item</p> <p>28/01/2016 GA advised that the works were complete and the cost info was to be provided to the NHS for input to Sypro.</p> <p>11/02/2016 <b>BMCL to upload costs to Sypro</b></p>	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	<p>26/11/2015 Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.</p> <p>10/12/2015 GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs.</p> <p>14/01/2016 GA noted that a sample has been approved and fitting would be progressed by MMM joinery asap.</p>	Cross ref CE 160

			28/01/2016 11/02/2016	GA advised that the locks delivery is awaited. PM noted that he had advised the users that it would likely be 5-6 weeks. <b>GA noted that the works have been completed. CE to be provided by NHS and costs to be uploaded to Sypro.</b>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015 14/01/2016 28/01/2016 11/02/2016	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.  Works cost based on rate per location. Provide cost once survey confirms quantity. LJ advised that info is awaited from AC Flooring GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete. GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap. <b>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</b>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015 14/01/2016 28/01/2016 11/02/2016	Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.  Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible. LJ noted that information is with Designers and their design fee cost is awaited GA noted that LJ is awaiting Nightingale fee offer. LJ advised that the quotation had been uploaded to Sypro for NHS review <b>GF noted that authorisation to progress is awaited.</b>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).  Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.	



5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <ol style="list-style-type: none"> <li>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</li> <li>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</li> <li>3) Extension of Tobermore paving from OB to Langlands Drive</li> <li>4) Access path across grasscrete to CP2 staircore.</li> <li>5) Construction of grassed strips between office block and CMB/Carpark</li> </ol> <p>GA noted that LJ is awaiting costs from LE</p> <p>LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p><b>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</b></p>	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	23/12/2015	<p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p> <p>DW advised that he would liaise with LJ for an update.</p> <p>LJ advised the info was awaited from Mercury.</p> <p><b>It was noted that info is still awaited from Mercury.</b></p>	
5230	PMI 461	HV Infrastructure Works	20/01/2016	<p>The Board are progressing with the installation of HV Infrastructure on the QEUH Campus, with a section of the cable route running through the current Phase 3a Demolition Site</p> <p>Proceed with the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely;</p> <ol style="list-style-type: none"> <li>1) Excavation of track approximately 50m.</li> <li>2) Installation of 3No. 200mm uPVC Ducts including draw ropes.</li> <li>3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level</li> <li>4) Forming 2No. temporary draw pits.</li> </ol> <p>LJ advised that the quote had been uploaded earlier that day.</p> <p><b>GF advised that the costs are ok</b></p>	

5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	10/02/2016	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.</p> <p>Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation.</p>	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016	<p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p>	
5342	PMI 464	Destructive Testing of Neurosurgery Overcladding Wind	10/02/2016	<p>The Board has concerns regarding the robustness of the internal window restrictor and external "Jackloc"</p> <p>Provide quotation for the destructive testing of new window frame to establish force required to break the internal restrictor and the Jacloc.</p>	
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016	<p>Alterations to curtain tracks abutting new windows</p> <p>Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows</p>	
5367	PMI 466	RHC LEVEL 4 DCFP - ANTILIGATURE THUMB TURN TO VISICOM SCREENS	17/02/2016	<p>Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms.</p> <p>Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms. Note anti-ligature thumb turns fitted to room side already.</p> <p>Rooms concerned are DCFP-022, 031, 032, 034, 035 &amp; 037.</p>	
	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLL	17/02/2016	<p>Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..</p> <p>Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).</p>	

For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
16933	CE 149	VIE 2 DEMOBILISATION AND MOBILISATION OF PILING RIG	23/09/2015	The Board confirm that the works to pile the VIE slab cannot run concurrent with INS works as a result of an on going asbestos survey. Rig will require to leave site and return once survey and any associated works complete.	Closed
18463	CE 160	RHC LEVEL 4 - DCFP DOOR LOCKS IN MAIN CORRIDOR	17/12/2015	Confirmation of PMI 452 for the installation of 7 No. star security locks to rooms DCFP-013, 021, 025, 027, 029, 038 and 048. Assign costs to Group 2 equipment budget.  Agreed cost [REDACTED] inc. OH+P but excl. VAT.	Closed
18501	CE 161	RHC AUDIOLOGY DEPT - CONTROL ROOMS OPD-083 & 086	22/12/2015	Remove fitted desks in Control Rooms as per PMI 448.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
18824	CE 162	PHASE 3A - SURFACE CAR PARK 4 - CONSTRUCTION PHASE	26/01/2016  28/01/2016	Brookfield Multiplex are to proceed with the construction of the surface car park works as set out in PMI 320 and as detailed in the approved planning submission from Glasgow City Council. Target completion date is 30 June 2016, with a revised programme to be submitted within one week of this CE issue.  Agreed cost [REDACTED] incl OH+P but excl. VAT. It was noted that sign-off of the building warrant is awaited.	Closed
18931	CE 162A	RHC REHABILITATION DEPARTMENT ROOM REH-049 VESTIBULAR HOOK	03/02/2016	Please proceed with design for gantry to support vestibular hook, all as per design information supplied under PMI 443. Please provide design for approval, cost to fabricate and install and programme to install.  Agreed cost [REDACTED] incl OH+P but excl VAT.	
18933	CE 163	RHC REHABILITATION DEPARTMENT - ROOM REH 049 TREATMENT ROOM	03/02/2016	Works as set out in PMI 457. In Room REH-049 shorten track and re-commission Arjo Huntleigh Maxi Sky Lift. Make adjustments to ceiling grid and tiles as required.  Agreed cost [REDACTED] incl OH+P but excl. VAT	Closed 24/02/2016



19114	CE 164	PHASE 3A DEMOLITION OF SURGICAL BLOCK - CAPPING LAYER	16/02/2016	Supply and install foamed concrete capping layer to contaminated (Asbestos particulate) ground in under-croft as set out in PMI 451.  Agreed cost [REDACTED] incl. OH+P but excl. VAT. Set against risk budget for Ph. 3A contaminated ground.	Closed 24/02/2016
19115	CE 165	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 & 178	16/02/2016	Please proceed with detailed design to establish feasibility and cost to make layout changes in the above rooms as set out in PMI 454.  Agreed cost for design work is [REDACTED] incl. OH+P but excl. VAT.	Closed 24/02/2016
19116	CE 166 -	RHC BUILDING SYSTEMS - ADDITIONAL TRAINING	16/02/2016	Provide additional staff training on nurse call, audio loop and Tannoy systems as per PMI 455.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	Closed 24/02/2016

## Other items that require discussion:

- Medical gas alarm transducers retrofit – DH requested that DP provide information regarding the timescales (15/01/2015) DP advised this is WIP. BMCL are pushing to get the transducers fitted, tested and witnessed. DH noted that the outstanding risk is circa 7 transducers which are not on site as yet to be fitted. (22/01/2015) AF advised that DP would be asked to provide an update (29/01/2015) DP advised that they were all fitted and circa 60% tested. Witnessing to commence 09/02/2015. DH suggested that IS is on leave (05/02/2015). All now fitted and tested, with witnessing by H&K ongoing. Nitrous total flow test 18/02/2015, await result. (19/02/2015). DP advised that the witnessing was currently being worked through. Sign off would be needed by IP as AE (05/03/2015) DP advised that HPI had been contacted to confirm that their paperwork needs to be completed by 31<sup>st</sup> March 2015. DH advised that ISandford is on site doing late shifts for testing. (12/03/2015) DH advised that it was thought that the witness testing was circa 70% and H&K had been advised that they need to get all the paperwork complete by 31<sup>st</sup> March 2015. (19/03/2015) DP noted that he thought that work was all complete but that he would check and provide feedback later that day (26/03/2015) DP Advised that he understood that all the works had been carried out (02/04/2015) DW advised that the system is all up and running and signed up. There are a couple of transducers to be replaced as pressures are drifting. (30/4/2015) DW advised that he would seek a status update (07/05/2015) DW noted that there was a difference in opinion between IS and HPI – work in progress to conclude (14/05/2015) DW advised that there is an issue – the schedule has been given to IS so that he can mark it up (21/05/2015) DW noted that IS has the info and he would chase up IS so that this matter could be closed out. (28/05/2015) DW advised that he is awaiting ISandford to confirm which transducer is to be changed. DW advised that he will continue to push. (04/06/2015) DW noted that ISandford had provided a list. HPI and Mercury are being geared up to start swapping out the transducers (11/06/2015) DW advised that the transducers have been ordered and BMCL are awaiting a delivery date (25/06/2015) DW noted that the transducers are with HPI however the HPI rep is currently on sick leave (30/07/2015) GA advised that he would liaise with JM for update (06/08/2015) GA advised that all materials are on site and HPI and AE are discussing how to do the swapover. Difficulty is that the drawing showing the transducers is with the rep who is on sick leave (13/08/2015) GA advised that HPI are liaising with NHS Estates to identify dates for the works (27/08/2015) DW advised that there had been difficulty obtaining AP sign off so BMCL had given the info to ISandford to review and ISandford has come back with some comments. It was hoped that the works could be started w/c 21/09/2015 (17/09/2015) DW advised that the RAMS had been issued to David Brattay and has now been signed off (24/09/2015) DW advised that Mercury are awaiting starting. DBrattay is to advise when Mercury can gain access to each area to that the retrofit works can be carried out. (01/10/2015) DW advised that BMCL have an indicative date from DBrattay. The test rig which had been delivered to site was subsequently identified as having a fault and therefore was unable to test the new transducer for rise/fall in pressure. WIP (12/11/2015) GA advised that BMCL were awaiting confirmation when the test rig will be back on site, BMCL would link in with David Brattay (26/11/2015) GA advised that the test rig is to be on site w/c 14/12/2015. Mercury to contact DBrattay and agree the programme of works. (10/12/2015) DW advised that HPI are due on site at the beginning of February doing a maintenance visit and will carry out the works then (14/01/2016) GA advised that the works have been programmed to take place on 9/10<sup>th</sup> Feb 2016. (28/01/2016) **DW to confirm that works are complete (11/02/2016)**
- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due

to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) **GF agreed to discuss with IP – IP to clean the system in advance of BMCL changing the valves over (11/02/2016)**



- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016) It was noted that DW is awaiting an update from JKeenan (28/01/2016) **No update was available regarding replacement chatterbox – GF agreed to liaise with JK for an update (11/02/2016)**
- CE 156 – 3 sets of supply onto a single switch – DW noted that he has an agreed proposal as to how to progress this matter. However, to carry out the works will require that the traffic lights are switched off. IP and JW are discussing (14/01/2016) GA advised that JMiller had issued an email outlining what needed to be carried out to do the works. PM enquired if BMCL could provide a couple of paras about what BMCL will be doing. PM advised that he would be happy to meet JMiller if required the following week. GA advised that a temporary traffic management plan could be put in place however the quote did not include for traffic management. LJ was requested to progress this with LEng. PM noted that the traffic management would need to ensure that the traffic into the bus lanes is managed. HMc to be involved in any discussions so can co-ordinate. (28/01/2016) **GF advised that he would check with BHunter (11/02/2016)**
- Signal at crossing point – PM noted that one of them is loose and that he would provide contact details of John Sharkey to JPhillips (14/01/2016) **GA advised that he had checked and was unable to find any loose. PM advised that he would email John Sharkey for confirmation of which signal was loose. (18/01/2016)**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 09/03/2016:

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Brattay. Subsequent to

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>approval, BMCL would expect a PMI with the approved drawing attached to instruct the works. GF noted that the drawings are with DB &amp; IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley &amp; Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.</p> <p>GF advised that he is trying to progress the sign-off and return of the drawings.</p> <p>GF noted that the drawing was being revised and a PMI would be issued to BMCL in due course. It was proposed that a walkround should be organised.</p> <p>GA advised this was issued for pricing but revision to sequencing to be undertaken. Mercury will tie up directly with HPI. GF agreed to chase up IP.</p>	
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p> <p>23/4/2015</p> <p>30/04/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p> <p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p> <p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing</p>	

			<p>07/05/2015 update/design fees.</p> <p>14/05/2015 GB noted that collation of the Building Warrants is WIP</p> <p>21/05/2015 GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.</p> <p>28/05/2015 FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application</p> <p>04/06/2015 FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.</p> <p>11/06/2015 FS advised that GB is liaising with Mercury</p> <p>25/06/2015 GB advised that this would be progressed once the works completed in the summer</p> <p>30/07/2015 GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.</p> <p>05/08/2015 GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.</p> <p>13/08/2015 GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.</p> <p>27/08/2015 GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.</p> <p>17/09/2015 GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.</p> <p>24/09/2015 DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.</p> <p>01/10/2015 GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.</p> <p>08/10/2015 GA advised that BMCL are awaiting on another couple of drawings from group management.</p> <p>22/10/2015 GA advised that this item is WIP with the group management drawings expected within the next week or so.</p> <p>12/11/2015 GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.</p> <p>26/11/2015 DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.</p> <p>10/12/2015 GA noted that DW is chasing up Mercury for updated drawings</p> <p>14/01/2016 GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.</p> <p>28/01/2016 GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.</p> <p>11/02/2016 GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB</p> <p>25/02/2016 It was noted that this continues to be WIP with GB packaging up the drawings for issue.</p> <p>GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.</p>	
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26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped,	

			01/10/2015	<p>witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
			22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMII/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
			12/11/2015	<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
			26/11/2015	<p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
			10/12/2015	<p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that</p>	

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016 25/02/2015</p>	<p>materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p> <p>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p> <p>It was noted that a revised programme has been issued which updates on the works LJ advised that the costs should be with the NHS in the next few weeks.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH)</p>	*****

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			26/11/2015	THERAPY CENTRE (AL) DAY HOSPITAL Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015. GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.	10/12/2015 HMc noted that all buildings had been handed over by Friday 4 <sup>th</sup> December 2015.	All delays to be reviewed at the end of the programme  *****
27886	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	24/11/2015  26/11/2015  10/12/2015  14/01/2016  28/01/2016  11/02/2016 25/02/2016	Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements. If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this. GA advised that M&S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap. HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified. GA noted that the remainder of the staff were scheduled to undergo the training w/c 18/01/2016 at Fairfield Offices. GA advised that the training had now been provided. LJ requested a PMI for the cost which BMCL have encountered It was noted that BMCL are awaiting the issue of the PMI from the NHS.	NHS to issue PM for the additional training required by BMCL	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015    14/01/2016 28/01/2016	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works. GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B<CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW. GA noted that BMCL had completed their investigative works and surveys.	GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for	Item to remain on tracker until demolition works complete.

			11/02/2016	Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016	BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required? GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum. LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA requested a scope for the works. It was noted that BMCL are awaiting the issue of the PMI from the NHS for the design and install of BMS. Allowance within project budget costs. GF agreed to provide the PMI asap. GW noted that a cost from Mercury had been provided at the start as had advised that would be needed to make the system work however DR had advised that it wasn't required.	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	<p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
			13/08/2015	<p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p>	
			27/08/2015	<p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p>	
			17/09/2015	<p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
			24/09/2015	<p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p>	
			01/010/2015	<p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
			08/10/2015	<p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
			22/10/2015	<p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
			12/11/2015	<p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
			26/11/2015	<p>GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
			10/12/2015	<p>GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the</p>	




			14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.</p> <p><b>GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.</b></p>	
27784	NHS EWN 062 -	Decontamination Tank	17/11/2015 26/11/2015 10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap.</p> <p>GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve.</p> <p>GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break.</p> <p>DW noted that the works are complete and JMiller will liaise with IPowrie regarding training. There appears to be a difference in opinion with users which IP is working through.</p> <p>GA advised that JMiller is awaiting on confirmation from Estates as to when the training is to be provided. PM advised that BMCL should go ahead and organise the training.</p> <p>GF agreed to email IP in order to progress the training.</p> <p><b>GF advised that a date for the training is to be provided by IP asap.</b></p>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUA/RHC - Front Elevation	17/11/2015 26/11/2015 10/12/2015 14/01/2016  28/01/2016 11/02/2016 25/02/2016	<p>The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUA/RHC be provided to the Board asap.</p> <p>GA noted that GB had been chasing WSP for the report..</p> <p>GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS</p> <p>GA noted that BMCL had met with JCoX earlier that day. JCoX had suggested that there is no great difference in study findings. The letter from JCoX would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCoX info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</p> <p>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCoX to go through the report. The report would subsequently be issued to the NHS asap. It was noted that BMCL had received correspondence from WSP earlier that day. Letter would be issued to the NHS asap.</p> <p><b>GW advised that the letter received from WSP was under review by BMCL. BMCL had also received a report from Gillespies which suggested that there are no hard/soft landscaping changes which can be done to assist. The WSP outcome had taken longer than expected to obtain as the model which the previous survey had been carried out on was now not available. GW noted that JCoX</b></p>	

				had advised that he had told the NHS that they would be building a 14 storey building on a windy site.	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	<p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p> <p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH</p>	

			14/01/2016	noted that he had a similar concern about the lighting raised to himself as well. GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	
			28/01/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			11/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).	
			25/02/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 09/03/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.  The names for the new hospitals are;  The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow  Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.	
			23/07/2015	GB advised that BMCL would put an instruction to Land Eng.	
			30/07/2015	GB noted that he had asked Gillespies to update their drawings.	
			06/08/2015	GA advised that the bulk of the works will be complete by 7 <sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.	
			13/08/2015	GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the	

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			<p>27/08/2015 17/09/2015 24/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015 26/11/2015 10/11/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016</p>	<p>works which will be required to connect the lighting due to the distance to the nearest connection point. PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood. PM advised that he would approve the drawings asap and agreed to provide the response via Aconex GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap. GB noted that a series of drawings had been issued and feedback from PM was awaited. GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds. GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress. PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided. GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review. GA advised that the signs had been ordered and a delivery date was awaited from Land Eng. GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016. GA noted that signage will start to be installed the following day and the lights would be installed mid Feb 2016. GA noted that the lights would be on by 19<sup>th</sup> Feb 2016. <b>GA advised that the signage has been installed. BMCL are not satisfied with the repairs to the block work and have asked another company to look at this as there are a few holes to be remediated. The lighting is due to be installed at the beginning of March 2016.</b></p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015  01/10/2015 08/10/2015 22/10/2015 12/11/2015 26/11/2015</p>	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired. GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.</p>	

			10/12/2015	LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.	
			14/01/2016	GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCox by BMCL.	
			28/01/2016	LJ noted that the design costs had been uploaded to Sypro earlier that day for NHS review/approval.	
			11/02/2016	It was noted that BMCL are awaiting the issue of the CE from the NHS.	
			25/02/2016	CE 162A issued. It was noted that GB has advised WSP to progress with the design. BMCL to accept PMI on basis of design only. NHS to raise PMI for supply and install of goalpost frame subject to satisfactory design.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of	09/11/2015	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a	25/02/2016

		0.004%	<p>12/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter.</p> <p>GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample.</p> <p>GA advised that Central are looking to get access to the area so that they can prepare a price.</p> <p>GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area.</p> <p>PM noted that the costs had been uploaded to Sypro and he would issue a CE for this item</p> <p>GA advised that the works were complete and the cost info was to be provided to the NHS for input to Sypro.</p> <p>BMCL to upload costs to Sypro</p> <p><b>It was noted that CE 164 had been issued. Item closed</b></p>	
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	<p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff.</p> <p>GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs.</p> <p>GA noted that a sample has been approved and fitting would be progressed by MMM joinery asap.</p> <p>GA advised that the locks delivery is awaited. PM noted that he had advised the users that it would likely be 5-6 weeks.</p> <p>GA noted that the works have been completed. CE to be provided by NHS and costs to be uploaded to Sypro.</p>	Cross ref CE 160
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	<p>01/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p><b>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with</b></p>	



				DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p><b>It was noted that CE 165 has been issued. Item closed.</b></p>	CE 165
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015  10/12/2015 14/01/2016 28/01/2016  11/02/2016 25/02/2016	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote. GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room. GF noted that he would liaise with PM</p> <p><b>GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.</b></p>	



5067	PMI 457	RHC – REHABILITATION DEPARTMENT - REH 036 & 049	<p>02/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>REH-049 – REHAB/TREATMENT ROOM Arrange for Arjo Huntleigh to attend site and re-commission Maxi Sky hoist in room. In addition establish feasibility and cost to shorten support rail at window end by 1 metre. Provide cost for second item before proceeding.</p> <p>REH-036 – SHOWER ROOM Isolate and disconnect cleaners power outlet adjacent to shower area at low level, supply and fit blank cover plate and seal around with white silicone. Behind door and adjacent to mirror at a height of 1200mm supply and install a single 13a socket outlet in compliance with IEE Regulations. This socket for use of hair dryer.</p> <p>REH-049 - PM requested that BMCL organise for the Arjo rep to come to site so that PM can meet with the rep.</p> <p>REH -036 – GA noted that DW had advised that Mercury have reviewed and some works have subsequently been completed. The hairdryer socket however is unable to be fitted as this would contravene British Standards.</p> <p>PM noted that Arjo Huntleigh are to be organised to come back to site and that Jordan is progressing this.</p> <p>PM advised that he would provide a CE for this item as the NHS needed Arjo to come back to site. Arjo to revisit the site. Stop block to be inserted rather than be altered</p> <p>GA advised that all works have been completed with the exception of shortening the hoist track. BMCL are awaiting the co-ordination information re vestibular hook before carrying out further works. It was noted that CE 163 had been issued therefore item could be closed.</p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	<p>17/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p> <p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following; 1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install. 2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051. Refer attached datasheet.</p> <p>PM noted that the users have advised that they do not consider the baskets as a ligature risk. PM requested that BMCL progress the fitting of the baskets asap as the Board Chairman has taken an interest in the DCFP area. DW advised that the retrofit of the basket may cause difficulty re warranty. DW agreed to get an update from LJ and provide feedback asap.</p> <p>PM advised that DW has provided an email and on the basis of this email PM had advised the users that there is a difficulty in getting warranty on the system if baskets are installed.</p> <p>GF noted that he would liaise with PM regarding the way forward</p> <p>GA noted that DW had been advised by Mercury that they will not fit the cage guards. PM noted that he had thought DW was going to liaise further with the insurance company. GA agreed to check with DW.</p>	

5144	PMI 459 -	Office Block External Works	21/12/2015	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <ol style="list-style-type: none"> <li>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</li> <li>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</li> <li>3) Extension of Tobermore paving from OB to Langlands Drive</li> <li>4) Access path across grasscrete to CP2 staircore.</li> <li>5) Construction of grassed strips between office block and CMB/Carpark</li> </ol> <p>GA noted that LJ is awaiting costs from LE</p> <p>28/01/2016 LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p>11/02/2016 It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>25/02/2016 <b>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</b></p>	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	23/12/2015	<p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Please provide a price to undertake the following works, refer attached sketch drawings.</p> <p>Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p> <p>14/01/2016 DW advised that he would liaise with LJ for an update.</p> <p>28/01/2016 LJ advised the info was awaited from Mercury.</p> <p>11/02/2016 It was noted that info is still awaited from Mercury.</p> <p>25/02/2016 <b>LJ advised that the quotations had now been received by BMCL and a copy would be provided to the NHS asap.</b></p>	Cross ref CE 167
5230	PMI 461	HV Infrastructure Works	20/01/2016	<p>The Board are progressing with the installation of HV Infrastructure on the QEUH Campus, with a section of the cable route running through the current Phase 3a Demolition Site</p> <p>Proceed with the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely;</p> <ol style="list-style-type: none"> <li>1) Excavation of track approximately 50m.</li> <li>2) Installation of 3No. 200mm uPVC Ducts including draw ropes.</li> <li>3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level</li> <li>4) Forming 2No. temporary draw pits.</li> </ol> <p>28/01/2016 LJ advised that the quote had been uploaded earlier that day.</p> <p>11/02/2016 GF advised that the costs are ok</p> <p>25/02/2016 <b>GF agreed to provide a CE for the works. HMc advised that works will be carried out across the</b></p>	

				demolition site entrance over the weekend.	
5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	10/02/2016  25/02/2016	The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.  Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 & 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation. LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter.	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016  25/02/2016	Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base  Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base. Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document. It was noted that the sequencing info is awaited.	
5342	PMI 464	Destructive Testing of Neurosurgery Overcladding Wind	10/02/2016  25/02/2016	The Board has concerns regarding the robustness of the internal window restrictor and external "Jackloc"  Provide quotation for the destructive testing of new window frame to establish force required to break the internal restrictor and the Jacloc. GF advised that the further certification had been provided however if reps are not happy then costs would need to be rejected.	
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info	
5367	PMI 466	RHC LEVEL 4 DCFP - ANTILIGATURE THUMB TURN TO VISICOM SCREENS	17/02/2016  25/02/2016	Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms.  Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms. Note anti-ligature thumb turns fitted to room side already.  Rooms concerned are DCFP-022, 031, 032, 034, 035 & 037. PM advised that the anti-lig thumb turn has a cone shape to the room side and that the room side type is to be the same as that which is to be fitted to the corridor side. It was noted that CE 160 had been issued	
	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLL	17/02/2016	Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..	

			25/02/2016	<p>Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).</p> <p>For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.</p> <p>GF advised that he would organise for the pole to be provided. Design and costs for bike stands received.</p>	
5443	PMI 468 -	Asbestos Awareness Training for BMCL Site Staff	07/03/2016	The Board request BMCL provide the cost incurred for the additional training undertaken by BMCL Site Staff and Operatives in order to comply and adhere to the Board's Asbestos Management Policy. This was out with the contractual requirements of the NSGH project. Cross reference BMCL/EW/168	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016	The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2015	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame.	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016	<p>The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below</p> <p>Corridor to be HEPA filtered  Bathrooms to be fully sealed  Room pressures to be 2.5 -8 PA  ACH 6/hr  Air Change in prep room 6/hr  Entrance to ward to be air locked using double door at front entrance.  Exit door (beside room 76) to be sealed and only used as fire exit.</p> <p>BMCL is also requested to confirm the timescale to complete the feasibility study.</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016	<p>The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e.</p> <p>Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p> <p>Agreed cost [REDACTED] incl. OH+P but excl. VAT.</p>	
19415	CE 168 -	HV Infrastructure Works	07/03/2016	<p>The Board confirm that BMCL should proceed with the works as identified in PMI 461 i.e. the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely;</p> <ol style="list-style-type: none"> <li>1) Excavation of track approximately 50m.</li> <li>2) Installation of 3No. 200mm uPVC Ducts including draw ropes.</li> <li>3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level</li> <li>4) Forming 2No. temporary draw pits.</li> </ol> <p>Agreed cost [REDACTED] incl. OH+P but excl. VAT.</p>	

## Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) **It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016) It was noted that DW is awaiting an update from JKeenan (28/01/2016) No update was available regarding replacement chatterbox – GF agreed to liaise with JK for an update (11/02/2016) **GF noted that BMCL are awaiting the chatterbox being fitted by the NHS Estates Dept (25/03/2016).**
- CE 156 – 3 sets of supply onto a single switch – DW noted that he has an agreed proposal as to how to progress this matter. However, to carry out the works will require that the traffic lights are switched off. IP and JW are discussing (14/01/2016) GA advised that JMiller had issued an email outlining what needed to be carried out to do the works. PM enquired if BMCL could provide a couple of paras about what BMCL will be doing. PM advised that he would be happy to meet JMiller if required the following week. GA advised that a temporary traffic management plan could be put in place however the quote did not include for traffic management. LJ was requested to progress this with LEng. PM noted that the traffic management would need to ensure that the traffic into the bus lanes is managed. HMc to be involved in any discussions so can co-ordinate. (28/01/2016) **GF advised that he would check with BHunter (11/02/2016) GA advised that the works to the 3 sets of traffic lights would be carried out on 5<sup>th</sup> March and not 27<sup>th</sup> Feb as previously indicated. BMCL will have traffic marshalls but not traffic management (25/02/2016)**

- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016)




**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 23/03/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	
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			works. DL and PM to discuss
		26/03/2015 02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015 25/06/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS. PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
		22/10/2015 12/11/2015	Work in progress GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		26/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Brattay. Subsequent to

			14/01/2016	approval, BMCL would expect a PMI with the approved drawing attached to instruct the works. GF noted that the drawings are with DB & IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley & Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.	
			28/01/2016	GF advised that he is trying to progress the sign-off and return of the drawings.	
			11/02/2016	GF noted that the drawing was being revised and a PMI would be issued to BMCL in due course. It was proposed that a walkround should be organised.	
			25/02/2016	GA advised this was issued for pricing but revision to sequencing to be undertaken. Mercury will tie up directly with HPI. GF agreed to chase up IP.	
			10/03/2016	GF noted that he would send an email to BHunter after this meeting finishes in order to conclude the NHS input required.	
2457 6	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.	
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.	
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings	

		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.
		07/05/2015	GB noted that collation of the Building Warrants is WIP
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.
		04/06/2015	FS advised that GB is liaising with Mercury
		11/06/2015	GB advised that this would be progressed once the works completed in the summer
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.
		05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.
		13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.
		27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.
		17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.
		24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.
		01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.
		08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.
		22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.
		12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.
		26/11/2015	GA noted that DW is chasing up Mercury for updated drawings
		10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.
		14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.
		28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB
		11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.
		25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.

			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015       24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations	

			<p>noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>12/11/2015 GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>26/11/2015 GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
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			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	
			11/02/2016	It was noted that a revised programme has been issued which updates on the works	
			25/02/2015	LJ advised that the costs should be with the NHS in the next few weeks.	
			10/03/2016	LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished. To date only the following buildings have been released for demolition following the removal of ACM/s;	




			26/11/2015	<p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
			10/12/2015	<p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	
2788 6	BMCL-EWN-168	REQUIREMENT FOR ADDITIONAL TRAINING	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p>	<p>Further to correspondence from Hugh McDerment dated 16th November 2015, we confirm that the requirement to have all personnel associated with the ongoing works on the QEUH campus to be qualified in asbestos awareness is currently out with our contractual requirements.</p> <p>If this training is required to comply with the policy please advise on how you wish us to proceed, as works are currently progressing in breach of this.</p> <p>GA advised that M&amp;S were scheduled to undertake the Asbestos Awareness training the following day. GA noted that Central Demolition reps already had the certification. GA advised that he also had the certification however PMcG did not and PMcG would undertake the training asap.</p> <p>HMc noted that he had met with the Board's Asbestos Manager who had confirmed that everyone on site needs to adhere to the policy – even cleaners should have an asbestos awareness certificate. GA advised that BMCL were in the process of getting all reps certified.</p> <p>GA noted that the remainder of the staff were scheduled to undergo the training w/c 18/01/2016 at Fairfield Offices.</p> <p>GA advised that the training had now been provided. LJ requested a PMI for the cost which BMCL have encountered</p> <p>It was noted that BMCL are awaiting the issue of the PMI from the NHS.</p> <p>NHS to issue PMI for the additional training required by BMCL</p> <p>It was noted that PMI Had been issued therefore this EW could be closed. Cross ref PMI 468.</p>	Cross ref PMI 468
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to</p>	<p>Item to remain on tracker until demolition works complete.</p>

			14/01/2016 28/01/2016  11/02/2016	<p>asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW. GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.</p>	
28099	BMCL-EWN-172	INS Entrance - BMS System	14/12/2015  14/01/2016  28/01/2016  11/02/2016  25/02/2016  10/03/2016	<p>BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?</p> <p>GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum.</p> <p>LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA requested a scope for the works.</p> <p>It was noted that BMCL are awaiting the issue of the PMI from the NHS for the design and install of BMS. Allowance within project budget costs.</p> <p>GF agreed to provide the PMI asap. GW noted that a cost from Mercury had been provided at the start as had advised that would be needed to make the system work however DR had advised that it wasn't required.</p> <p><b>PMI requesting cost information provided therefore this EW can be closed.</b></p>	Cross reference PMI 469
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p> <p><b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b></p>	

28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p>	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 23/03/2016

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015  23/4/2015  30/04/2015  07/05/2015  14/05/2015  21/05/2015 28/05/2015 04/06/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p>	

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			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
			30/07/2015	FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand. FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/10/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should	

			22/10/2015	also liaise with RClinton. PM noted that it is work in progress re Structural panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structural regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
			14/01/2016	GA noted that Structural were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.	
			28/01/2016	GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structural on 1 <sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.	
			11/02/2016	GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structural panel is on order and mastic works.	
			25/02/2016	GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.	
			10/03/2016	GA advised that the panel was expected to be delivered to the Structural factory w/c 14 <sup>th</sup> March and to the QEUH w/c 21 <sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.	

27784	NHS EWN 062 -	Decontamination Tank	17/11/2015	The Board request that the works to complete the full operationalisation of the decontamination tank are completed asap.	
			26/11/2015	GA advised that the replacement valve was on its way back to site. As soon as the valve arrives he would organise for Mercury to fit the valve.	
			10/12/2015	GA advised that the replacement valve is due on site that day and anticipating that by the end of the following week that the system will be operational. Training of the system would follow however this was now likely to be after the festive break.	
			14/01/2016	DW noted that the works are complete and JMiller will liaise with IPowrie regarding training. There appears to be a difference in opinion with users which IP is working through.	
			28/01/2016	GA advised that JMiller is awaiting on confirmation from Estates as to when the training is to be provided. PM advised that BMCL should go ahead and organise the training.	
			11/02/2016	GF agreed to email IP in order to progress the training.	
			25/02/2016	GF advised that a date for the training is to be provided by IP asap.	
			10/03/2016	GA advised that training had now been provided therefore this item could be closed.	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	17/11/2015	The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.	
			26/11/2015	GA noted that GB had been chasing WSP for the report..	
			10/12/2015	GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS	
			14/01/2016	GA noted that BMCL had met with JCoX earlier that day. JCoX had suggested that there is no great difference in study findings. The letter from JCoX would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCoX info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.	
			28/01/2016	GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCoX to go through the report. The report would subsequently be issued to the NHS asap.	
			11/02/2016	It was noted that BMCL had received correspondence from WSP earlier that day . Letter would be issued to the NHS asap.	
			25/02/2016	GW advised that the letter received from WSP was under review by BMCL. BMCL had also received a report from Gillespies which suggested that there are no hard/soft landscaping changes which can be done to assist. The WSP outcome had taken longer than expected to obtain as the model which the previous survey had been carried out on was now not available. GW noted that JCoX had advised that he had told the NHS that they would be building a 14 storey building on a windy site.	
			10/03/2016	GA advised that the wind survey report is with AFernie.	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.	
			10/12/2015	Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in	


			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p>	<p>place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.</p> <p>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</p> <p>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being</p>	



			25/02/2016 10/03/2016	installed the following day (12/2/). GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns. GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
29125	NHS EW 066 -	Phase 3a HV Cable Fault	09/03/2016 10/03/2016	The Boards Estates team have advised that a fault has been identified on the HV cable that crosses the Phase 3a Landscaping site. The suggestion from the Estates team is that the Demolition site trafficking over the cable has caused the fault. Allow the Boards HV Contractor access to site to carryout investigations and repairs. GA noted that PMcG has been in touch with contractors for them to get access to site to do exploratory works. GA advised that BMCL have not damaged the drain.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 23/03/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015  23/07/2015 30/07/2015 06/08/2015  13/08/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>GB advised that BMCL would put an instruction to Land Eng.</p> <p>GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the</p>	

			<p>27/08/2015 17/09/2015 24/09/2015 01/10/2015 08/10/2015 22/10/2015 12/11/2015 26/11/2015 10/11/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016</p>	<p>works which will be required to connect the lighting due to the distance to the nearest connection point. PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood. PM advised that he would approve the drawings asap and agreed to provide the response via Aconex GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap. GB noted that a series of drawings had been issued and feedback from PM was awaited. GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds. GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress. PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided. GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review. GA advised that the signs had been ordered and a delivery date was awaited from Land Eng. GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016. GA noted that signage will start to be installed the following day and the lights would be installed mid Feb 2016. GA noted that the lights would be on by 19<sup>th</sup> Feb 2016. GA advised that the signage has been installed. BMCL are not satisfied with the repairs to the block work and have asked another company to look at this as there are a few holes to be remediated. The lighting is due to be installed at the beginning of March 2016. <b>GA advised that the lights were currently being installed and it was hoped that the lighting would be completed early w/c 14/03 at the latest.</b></p>	
4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	<p>25/09/2015          01/10/2015 08/10/2015 22/10/2015 12/11/2015</p>	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding. GW noted that the costing is ongoing GA noted that the information was with the design and cost teams GB advised that the information had been provided to WSP for them to provide a design GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.</p>	

			26/11/2015	GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.	
			10/12/2015	LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.	
			14/01/2016	GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCoX by BMCL.	
			28/01/2016	LJ noted that the design costs had been uploaded to Sypro earlier that day for NHS review/approval.	
			11/02/2016	It was noted that BMCL are awaiting the issue of the CE from the NHS.	
			25/02/2016	CE 162A issued. It was noted that GB has advised WSP to progress with the design. BMCL to accept PMI on basis of design only. NHS to raise PMI for supply and install of goalpost frame subject to satisfactory design.	
			10/03/2016	GA advised that WSP have been requested to progress the design. It was noted that CE 162 had been issued to cover the design element.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	

			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.	
4906	PMI 451 -	Capping instructions for soil area below Block AL with ACM content of 0.004%	09/11/2015  12/11/2015  26/11/2015 10/12/2015  14/01/2016 28/01/2016  11/02/2016 25/02/2016 10/03/2016	Please refer to the area in blue on the attachment. This basement area has a concrete slab/screed floor and below this the soil was found to have an asbestos content of 0.004% and is required to be undisturbed during the demolition and then the concrete screed/ slab has to be overlain with a suitable approved geotextile membrane of the following type – minimum 1000 gauge, water permeable, rot proof, chemically resistant, high tensile strength. (TCS Geotechnics GP90 is suggested or equivalent approved) and then capped with a layer of inert soil to 0.6 m depth minimum. The geotextile must be fixed securely and overlap by a minimum of 0.2 m at joints and extend to a minimum distance of 1 metre past the extents of the soil area perimeter. GA advised that he had forwarded on this information to Central Demolition in order to get their thoughts on how to do this and to obtain a quote. HMc noted that the capping materials should have no asbestos content and that Central Demolition should be able to provide a sample. GA advised that Central are looking to get access to the area so that they can prepare a price. GA advised that it was proposed to pump in self levelling concrete through the window on to the solum. This will allow the building to come down safely on top of that area. PM noted that the costs had been uploaded to Sypro and he would issue a CE for this item GA advised that the works were complete and the cost info was to be provided to the NHS for input to Sypro. BMCL to upload costs to Sypro It was noted that CE 164 had been issued. Item closed <b>GA advised that the asbuilt drawing will identify the encapsulated area. Item closed</b>	25/02/2016
5030	PMI 452	RH C LEVEL 4 DCFP WARD - CORRIDOR LOCKS ON TOILET AND UTILITY ROOM DOORS	26/11/2015  10/12/2015  14/01/2016 28/01/2016  11/02/2016  10/03/2016	Please replace lock mechanism to 7 No. door locks on corridor side of doors to enable them to be locked by staff to restrict access by the patients. All as agreed with staff. Please proceed immediately to source materials and complete work as soon as possible. Rooms are thought to be DCFP - 013, 021, 025, 027, 029, 038 and 048 please confirm with staff user group on ward. Do not incorporate any other works that may be verbally instructed by local user staff. GA noted that a sample has been fitted and approved. The remainder to be provided – will be 7 locks with 7 torx keys. LJ to upload costs. GA noted that a sample has been approved and fitting would be progressed by MMM joinery asap. GA advised that the locks delivery is awaited. PM noted that he had advised the users that it would likely be 5-6 weeks. GA noted that the works have been completed. CE to be provided by NHS and costs to be uploaded to Sypro. <b>It was noted that CE 160 had been issued. Item closed</b>	Cross ref CE 160
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015	In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.	

			<p>10/12/2015 14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016 25/02/2016</p> <p>10/03/2016</p>	<p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p><b>GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</b></p>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	<p>01/12/2015</p> <p>10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016</p>	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p>It was noted that CE 165 has been issued. Item closed.</p> <p><b>GA advised that the drawings had been received and will be reviewed asap. Item closed.</b></p>	CE 165
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	<p>02/12/2015</p>	<p>Room OPD-015 MEETING ROOM</p> <p>Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04.</p> <p>(Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM</p> <p>Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC.</p> <p>Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p>	

			<p>10/12/2015 14/01/2016 28/01/2016</p> <p>11/02/2016 25/02/2016</p> <p>10/03/2016</p>	<p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote.</p> <p>GA noted that LJ has received costs and will upload to Sypro by close of business that day.</p> <p>LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.</p> <p>GF noted that he would liaise with PM</p> <p>GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.</p> <p>GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL ROOM/SOFT PLAY AREA	<p>17/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016 25/02/2016</p> <p>10/03/2016</p>	<p>Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.</p> <p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following;</p> <p>1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install.</p> <p>2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051.</p> <p>Refer attached datasheet.</p> <p>PM noted that the users have advised that they do not consider the baskets as a ligature risk. PM requested that BMCL progress the fitting of the baskets asap as the Board Chairman has taken an interest in the DCFP area. DW advised that the retrofit of the basket may cause difficulty re warranty. DW agreed to get an update from LJ and provide feedback asap.</p> <p>PM advised that DW has provided an email and on the basis of this email PM had advised the users that there is a difficulty in getting warranty on the system if baskets are installed.</p> <p>GF noted that he would liaise with PM regarding the way forward</p> <p>GA noted that DW had been advised by Mercury that they will not fit the cage guards. PM noted that he had thought DW was going to liaise further with the insurance company. GA agreed to check with DW.</p> <p>GA advised this had been discussed with DW. DW advised that it needs to be an approved design and therefore a new fitment/sprinkler head would need to be installed. DW had already confirmed this by email to the PM prior to PM leaving the Board.</p>	
5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p>	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p> <p>3) Extension of Tobermore paving from OB to Langlands Drive</p> <p>4) Access path across grasscrete to CP2 staircore.</p>	



			<p>14/01/2016 28/01/2016  11/02/2016  25/02/2016 10/03/2016</p>	<p>5) Construction of grassed strips between office block and CMB/Carpark GA noted that LJ is awaiting costs from LE LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW. It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up. It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review. <b>GF advised that he would liaise with DR regarding the costs provided.</b></p>	
5160	PMI 460	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	<p>23/12/2015         14/01/2016 28/01/2016 11/02/2016 25/02/2016  10/03/2016</p>	<p>Please provide a price to undertake the following works, refer attached sketch drawings.  Please provide a price to undertake the following works, refer attached sketch drawings. Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads. Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards. DW advised that he would liaise with LJ for an update. LJ advised the info was awaited from Mercury. It was noted that info is still awaited from Mercury. LJ advised that the quotations had now been received by BMCL and a copy would be provided to the NHS asap. <b>It was noted that CE 167 has been issued therefore this item could be closed.</b></p>	Cross ref CE 167
5230	PMI 461	HV Infrastructure Works	<p>20/01/2016       28/01/2016 11/02/2016 25/02/2016  10/03/2016</p>	<p>The Board are progressing with the installation of HV Infrastructure on the QEUH Campus, with a section of the cable route running through the current Phase 3a Demolition Site  Proceed with the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely; 1) Excavation of track approximately 50m. 2) Installation of 3No. 200mm uPVC Ducts including draw ropes. 3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level 4) Forming 2No. temporary draw pits. LJ advised that the quote had been uploaded earlier that day. GF advised that the costs are ok GF agreed to provide a CE for the works. HMc advised that works will be carried out across the demolition site entrance over the weekend. <b>It was noted that CE 168 has been issued therefore this item could be closed.</b></p>	Cross ref CE 168
5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	<p>10/02/2016</p>	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.  Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the</p>	



			25/02/2016 10/03/2016	statutory approval fees within quotation. LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter. GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL.	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016  25/02/2016	Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base  Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base. Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document. It was noted that the sequencing info is awaited.	
5342	PMI 464	Destructive Testing of Neurosurgery Overcladding Wind	10/02/2016  25/02/2016 10/03/2016	The Board has concerns regarding the robustness of the internal window restrictor and external "Jackloc"  Provide quotation for the destructive testing of new window frame to establish force required to break the internal restrictor and the Jacloc. GF advised that the further certification had been provided however if reps are not happy then costs would need to be rejected. GF noted that this PMI was now cancelled. A new PMI would be issued re jaclocs. GF would liaise with SWalker re whether fitting of jaclocs is required to the office space.	
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost.	
5367	PMI 466	RHC LEVEL 4 DCFP - ANTILIGATURE THUMB TURN TO VISICOM SCREENS	17/02/2016  25/02/2016 10/03/2016	Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms.  Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms. Note anti-ligature thumb turns fitted to room side already.  Rooms concerned are DCFP-022, 031, 032, 034, 035 & 037. PM advised that the anti-lig thumb turn has a cone shape to the room side and that the room side type is to be the same as that which is to be fitted to the corridor side. It was noted that CE 160 had been issued It was noted that CE 160 issued therefore this item could now be closed	
	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLL	17/02/2016	Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..  Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm	

			25/02/2016  10/03/2016	<p>dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grow in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).</p> <p>For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.</p> <p>GF advised that he would organise for the pole to be provided. Design and costs for bike stands received.</p> <p>GA advised that the pole had been delivered and that Land Engineering would install before the end of the following week.</p>	
5443	PMI 468 -	Asbestos Awareness Training for BMCL Site Staff	07/03/2016  10/03/2016	<p>The Board request BMCL provide the cost incurred for the additional training undertaken by BMCL Site Staff and Operatives in order to comply and adhere to the Board's Asbestos Management Policy. This was out with the contractual requirements of the NSGH project. Cross reference BMCL/EW/168</p> <p>It was noted that NHS to issue CE to BMCL.</p>	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016	The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016	<p>The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame.</p> <p>GA noted that WSP are progressing the design.</p>	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016  10/03/2016	<p>The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below</p> <p>Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.</p> <p>BMCL is also requested to confirm the timescale to complete the feasibility study.</p> <p>GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB.</p>	
5509	PMI 472 -	Scaffold Alterations - Level 2 South Tower	21/03/2016	The Board request that BMCL carry out alterations to the level 2 south tower scaffolds to allow replacement of faulty UPS Equipment. Scaffold transoms to be raised with standard on AHU support beam removed.	

				Anticipated delivery date w/c 4th April 2016, date will be confirmed under separate correspondence.	
5510	PMI 473 -	Children's Play Park - Weed Suppression	21/03/2016	As per discussions on site (between Paul McGuinness and Graham Forsyth) this PMI confirms the verbal agreement that BMCL should not install bark mulch within the planted areas of the children's play park due to issues for immunosuppressed patients.  Further direction will be provided whether it may be an alternative or for the weed suppression to be omitted.	

### COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016	The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e. Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads. Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	Item closed 21/03/2016
19415	CE 168 -	HV Infrastructure Works	07/03/2016	The Board confirm that BMCL should proceed with the works as identified in PMI 461 i.e. the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely; 1) Excavation of track approximately 50m. 2) Installation of 3No. 200mm uPVC Ducts including draw ropes. 3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level 4) Forming 2No. temporary draw pits.  Agreed cost [REDACTED] incl. OH+P but excl. VAT.	Item closed 21/03/2016

### Other items that require discussion:



- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) **GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016) It was noted that DW is awaiting an update from JKeenan (28/01/2016) No update was available regarding replacement chatterbox – GF agreed to liaise with JK for an update (11/02/2016) **GF noted that BMCL are awaiting the chatterbox being fitted by the NHS Estates Dept (25/03/2016).**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) **GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016)**

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 06/04/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
23685	BMCE-EWN-000150	VIE 2 Slab and foundation increase	<p>03/12/2014</p> <p>04/12/2014</p> <p>08/01/2015</p> <p>15/01/2015</p> <p>22/01/2015</p> <p>29/01/2015</p> <p>05/02/2015</p> <p>19/02/2015</p> <p>26/02/2015</p> <p>05/03/2015</p> <p>12/03/2015</p> <p>19/03/2015</p>	<p>Due to late amendments to the requirements from Air Products, the Boards specialist gases supplier, from those provided to BMCE by Air Products have resulted in the requirement to pile and increase slab depth, width and length from that previously required. This will result in additional cost and a delay to this requirement being completed by the stage 3 completion date.</p> <p>DH suggested that BMCL now have a programme issue which is accepted on the basis that it is a life safety system. There is a programme of works which needs to be done and DH suggested that the works should be carried out in March/April i.e. after the link bridge is complete but before the first patient. DH requested a justification for the alteration to the cost.</p> <p>DP advised that WSP on-going with the design to establish if any additional cost from initial cost estimate. AF advised that the design from WSP would be provided to PM as a pack. The swept path enlargement info is in the same pack and AF requested that the NHS provide the swept path information to Air Products. DH enquired if there was formal agreement from Air Products regarding the slab and DP confirmed that the design is based on the information agreed with Air Products.</p> <p>DMF advised that BMCL had the details to be uploaded to Sypro and this would be undertaken w/c 26/01/2015. PM confirmed that the drawings had been received and provided to Air Products for them to confirm they are ok.</p> <p>GW advised that BMCL have indicative costs and are awaiting BBJ to confirm their costs. Circa [REDACTED]. DH noted that this was to provide resilience. GW advised that BMCL had allowed for resilience and then Air Products changed the requirements. AF suggested that a separate meeting should be set-up to discuss the costs when available.</p> <p>GW advised that BMCL have more information to go through. AF suggested organising a separate meeting.</p> <p>Meeting arranged for 25.02.2015. Board to consider BMCE options for start date, if started now works could be complete by 3<sup>rd</sup> August, if held to coincide with piling works at INS entrance (with potential [REDACTED] saving) would not complete until 14<sup>th</sup> Sept. Board to review options to maintain resilience, also discuss with Hulley &amp; Kirkwood Air Products and HPI.</p> <p>DP advised that there had been a meeting the previous day. The NHS were to have an internal discussion. BMCL are continuing to work to the latter date to link in with the Neurosciences works.</p> <p>DP advised that BMCL are still working to the later plan for piling. He understood that the NHS were going to discuss the costs. DP had received a drawing which he would provide to the NHS asap. BMCL will need to take over the pavement. GW advised that he had no instructed LEng to do the Civils works. Suggestion is that works are [REDACTED] and BMCL wish to discuss the costs. PM advised that the NHS would try to resolve the costs by the end of the week.</p> <p>DP noted that it was understood that PM would discuss initially with DL and thereafter with GW.</p> <p>PM advised that he would liaise with DL and the NHS would come to a principle re what is in contract. GW advised that BMCL have had a meeting and want to discuss a compromise solution. BMCL will do the</p>	

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			works.
		26/03/2015	DL and PM to discuss
		02/04/2015	PM noted that he had discussed this with DL who had advised that he is not in a position to negotiate. GW advised that this was not satisfactory as BMCL had carried out the works which were needed because the Board's supplier had changed requirements twice – the latest change only being 6 months previous. AFe suggested that there should be a separate meeting to wrap up specific matters i.e. VIE, Soft landing costs, etc. GW agreed to prepare a paper to explain the BMCL position re the VIE.
		28/05/2015	Meeting being organised for 04/06/2015. Invite to be sent to FS.
		25/06/2015	PM noted that David had been requesting access to solum. DH noted access is required at the Mat in order to access a valve. PM suggested that it was to isolate a service. DH noted that ISandford was going to identify where the Med Gas survey has gone – should be with the Estates Dept.
		30/07/2015	DH enquired if BMCL were any further forward securing the drawings and DW advised not at moment due to the contact at HPI being on sick leave. DH suggested that BMCL could try Dom O'Donnell at Medi-gas who have record drawings – at least these would identify where access needs to be.
		06/08/2015	GW advised that design had been received that week. GB noted that Balfour Beattie are looking at the piling. GA noted that trial pits would also be done.
		13/08/2015	GA acknowledged that BMCL had received a limited asbestos risk assessment and that this had subsequently been passed to HPI. It was hoped that there was sufficient info to allow HPI to proceed with the design works, the piling cant start until the works are done. BMCL need to know that the valves are where they are meant to be and that there have been no tails taken off.
		27/08/2015	GA advised that Mercury are developing confined space risk assessment and method statement. Understand that NHS are going to provide further asbestos info/certification. GF advised that he had liaised with the rep re obtaining survey information and it is hoped that the survey information would be available the following week.
		17/09/2015	GA advised that the next round of asbestos survey information had been received for the trench – the information had subsequently been issued to HPI and Mercury for them to progress with the design. PM enquired if any further asbestos surveys were required and GA advised that no further surveys required at this time.
		24/09/2015	GA advised that the survey info had gone to HPI who are just finalising their paperwork to let them on site the survey on 25/09/2015. Once surveyed the design will be finalised and provided to ISandford for review.
		01/10/2015	GA advised that BMCL are having difficulty getting HPI trained up however the control measures may decrease if another access point is identified. GF suggested that there is a room in Maternity with a hatch which may provide access and that he would investigate this.
		08/10/2015	GF advised that David Brattay and Paul McGuinness are investigating other access to the pipework which would require less control measures to be put in place.
			Work in progress
		22/10/2015	GA advised that the way forward had been discussed at the progress meeting earlier that day. BMCL will continue to progress with the works they can. BMCL may need to get an instruction from the NHS re enabling works which fall out the current remit. GF noted that it had been agreed with HPI & ISandford to do a full isolation. DW suggested that GF should liaise with ISandford.
		12/11/2015	GA advised that there had been a meeting the previous week with the appropriate reps in attendance (NHS, BMCL, HPI, HK, Mercury. Proposals for enabling works to allow BMCL to progress the piling works had been discussed. IS has issued a phasing drawing. PM noted that he would discuss this with GF.
		26/11/2015	
		10/12/2015	GA advised that a drawing had been submitted and approval awaited from David Bratley. Subsequent to

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>approval, BMCL would expect a PMI with the approved drawing attached to instruct the works. GF noted that the drawings are with DB &amp; IP and signoff was anticipated to be concluded over the weekend. The sign-off will allow HPI to provide info re strategy and phasing. IP/DB will meet with and David/HPI and IS/Hulley &amp; Kirkwood. DW enquired if there would be a PMI issued to BMCL and this was confirmed.</p> <p>GF advised that he is trying to progress the sign-off and return of the drawings.</p> <p>GF noted that the drawing was being revised and a PMI would be issued to BMCL in due course. It was proposed that a walkround should be organised.</p> <p>GA advised this was issued for pricing but revision to sequencing to be undertaken. Mercury will tie up directly with HPI. GF agreed to chase up IP.</p> <p>GF noted that he would send an email to BHunter after this meeting finishes in order to conclude the NHS input required.</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up. Item closed as PMI 463 issued.</p>	
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	<p>25/03/2015</p> <p>26/03/2015</p> <p>02/04/2015</p>	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p> <p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p> <p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	



		23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings
		30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.
		07/05/2015	GB noted that collation of the Building Warrants is WIP
		14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury providing final position and as fitted drawings.
		21/05/2015	FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application
		28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.
		04/06/2015	FS advised that GB is liaising with Mercury
		11/06/2015	GB advised that this would be progressed once the works completed in the summer
		25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.
		30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.
		05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.
		13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.
		27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.
		17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.
		24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.
		01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.
		08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.
		22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.
		12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.
		26/11/2015	GA noted that DW is chasing up Mercury for updated drawings
		10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.
		14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.
		28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB
		11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.

			25/02/2016 10/03/2016 24/03/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this. GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control. <b>WIP</b>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015 01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015 28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015 17/09/2015 24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can	

			<p>be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>12/11/2015 GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
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			26/11/2015	GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	
			11/02/2016	It was noted that a revised programme has been issued which updates on the works	
			25/02/2015	LJ advised that the costs should be with the NHS in the next few weeks.	
			10/03/2016	LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]	
			24/03/2016	GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.	

27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUILDINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p><b>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p> <p>GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night.</p> <p>It was noted that the works have been carried out.</p>	<p><b>Item to remain on tracker until demolition works complete.</b></p>
28099	BMCL-EWN-172	INS Entrance - BMS System	<p>14/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p>	<p>BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?</p> <p>GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum.</p> <p>LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA</p>	<p><b>Cross reference PMI 469</b></p>

			11/02/2016 25/02/2016 10/03/2016	requested a scope for the works. It was noted that BMCL are awaiting the issue of the PMI from the NHS for the design and install of BMS. Allowance within project budget costs. GF agreed to provide the PMI asap. GW noted that a cost from Mercury had been provided at the start as had advised that would be needed to make the system work however DR had advised that it wasn't required. <b>PMI requesting cost information provided therefore this EW can be closed.</b>	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . <b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible. <b>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</b>	

SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/10/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the	


			14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	<p>panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.</p> <p>GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.</p> <p>GA advised that the panel was expected to be delivered to the Structal factory w/c 14<sup>th</sup> March and to the QUEH w/c 21<sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.</p> <p>GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucubond) was awaited.</p>	
27785	NHS EWN 063 -	Consultant Wind Study re QUEH/RHC - Front Elevation	17/11/2015 26/11/2015 10/12/2015 14/01/2016  28/01/2016 11/02/2016 25/02/2016  10/03/2016 24/03/2016	<p>The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QUEH/RHC be provided to the Board asap.</p> <p>GA noted that GB had been chasing WSP for the report..</p> <p>GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS</p> <p>GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</p> <p>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCox to go through the report. The report would subsequently be issued to the NHS asap. It was noted that BMCL had received correspondence from WSP earlier that day . Letter would be issued to the NHS asap.</p> <p>GW advised that the letter received from WSP was under review by BMCL. BMCL had also received a report from Gillespies which suggested that there are no hard/soft landscaping changes which can be done to assist. The WSP outcome had taken longer than expected to obtain as the model which the previous survey had been carried out on was now not available. GW noted that JCox had advised that he had told the NHS that they would be building a 14 storey building on a windy site.</p> <p>GA advised that the wind survey report is with AFernie.</p> <p>GA advised that AF had issued the letter to DWL on 21/03/2016. GF agreed to liaise with DWL.</p>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p>	

			<p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting</p>	

			28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	<p>conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.</p> <p>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</p> <p>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).</p> <p>GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.</p> <p>GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.</p> <p>GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.</p>	
29125	NHS EW 066 -	Phase 3a HV Cable Fault	09/03/2016 10/03/2016 24/03/2016	<p>The Boards Estates team have advised that a fault has been identified on the HV cable that crosses the Phase 3a Landscaping site.</p> <p>The suggestion from the Estates team is that the Demolition site trafficking over the cable has caused the fault.</p> <p>Allow the Boards HV Contractor access to site to carryout investigations and repairs.</p> <p>GA noted that PMcG has been in touch with contractors for them to get access to site to do exploratory works. GA advised that BMCL have not damaged the drain.</p> <p>GA noted that he understood that the reps had been onsite and cut the piece of cable out, replaced and rejoined.</p>	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 06/04/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH ENTRANCE TO BOULEVARD	21/07/2015	<p>Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.</p> <p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as</p>	

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			<p>23/07/2015 per existing proposals. Where possible retain all materials already fabricated.</p> <p>30/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>06/08/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>24/09/2015 GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>01/10/2015 GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>08/10/2015 GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>22/10/2015 GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>12/11/2015 PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>26/11/2015 GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>10/11/2015 GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.</p> <p>14/01/2016 GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016.</p> <p>28/01/2016 GA noted that signage will start to be installed the following day and the lights would be installed mid Feb 2016.</p> <p>11/02/2016 GA noted that the lights would be on by 19<sup>th</sup> Feb 2016.</p> <p>25/02/2016 GA advised that the signage has been installed. BMCL are not satisfied with the repairs to the block work and have asked another company to look at this as there are a few holes to be remediated. The lighting is due to be installed at the beginning of March 2016.</p> <p>10/03/2016 GA advised that the lights were currently being installed and it was hoped that the lighting would be completed early w/c 14/03 at the latest.</p> <p>24/03/2016 GA advised that half of the fittings had been installed. Mercury is currently in commercial discussions with Alpha. BMCL are pursuing the completion of the works.</p>	
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4609	PMI 443 -	NCH Rehab department (REH049) - Vestibular Hook	25/09/2015	<p>The Board request a cost to design and install a goalpost frame to support a vestibular hook within the NCH Rehab department (REH049) located as per item VES1000 on drawing number NA-SZ-XX-AS-400-290-01. The details and working load are as noted on:</p> <p><a href="http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp">http://www.southpaw.co.uk/i-beam-or-h-beam-kit-303-p.asp</a></p> <p>Allowance to be included for boxing in the vertical posts and altering the wall padding.</p>	
			01/10/2015	GW noted that the costing is ongoing	
			08/10/2015	GA noted that the information was with the design and cost teams	
			22/10/2015	GB advised that the information had been provided to WSP for them to provide a design	
			12/11/2015	GB advised that he had spoken to John Cox at WSP. WSP have had a change of staff so progress has been slower than desired.	
			26/11/2015	GA advised that GB was chasing WSP for design. PM suggested that the service had now received a quote for a company and there would be an NHS Meeting to discuss.	
			10/12/2015	LJ noted that she had been advised that a design would need to be done. BMCL could not get the design done until the fee had been agreed with the NHS. LJ advised that she would submit the fees for approval. PM requested that BMCL please push on as much as possible as currently the service cannot deliver the full service.	
			14/01/2016	GA advised that GB is chasing up WSP for a design. Delay in providing design/closing out items had been raised with JCox by BMCL.	
			28/01/2016	LJ noted that the design costs had been uploaded to Sypro earlier that day for NHS review/approval.	
			11/02/2016	It was noted that BMCL are awaiting the issue of the CE from the NHS.	
			25/02/2016	CE 162A issued. It was noted that GB has advised WSP to progress with the design. BMCL to accept PMI on basis of design only. NHS to raise PMI for supply and install of goalpost frame subject to satisfactory design.	
			10/03/2016	GA advised that WSP have been requested to progress the design. It was noted that CE 162 had been issued to cover the design element.	
			24/03/2016	GA advised that BMCL are pursuing WSP for a design. It was agreed this PMI should be closed and discussions noted under PMI 470.	
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off</p> <p>GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.</p> <p>GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.</p> <p>GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.</p> <p>HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.</p> <p>GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblin to be finalised asap.</p>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	<p>01/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p>GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</p> <p>GA advised that JS had provided the tile replacement marked up drawing to SF.</p>	



5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p>It was noted that CE 165 has been issued. Item closed.</p> <p>GA advised that the drawings had been received and will be reviewed asap. Item closed.</p> <p>GA advised that BMCL had the Nightingale drawings but were awaiting the WW drawings. GF agreed to discuss this with SRussell.</p>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015  10/12/2015 14/01/2016 28/01/2016  11/02/2016 25/02/2016 10/03/2016	<p>Room OPD-015 MEETING ROOM</p> <p>Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04.</p> <p>(Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM</p> <p>Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC.</p> <p>Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p> <p>It was noted that this info is with Workspace Design for them to provide a quote.</p> <p>GA noted that LJ has received costs and will upload to Sypro by close of business that day.</p> <p>LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.</p> <p>GF noted that he would liaise with PM</p> <p>GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.</p> <p>GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	
5128	PMI 458 -	RHC LEVEL 4 DCFP WARD - DCFP-051 BALL	17/12/2015	Please review feasibility of fitting cage guards to sprinkler heads in this room, screw fixed to plaster board ceiling.	

		ROOM/SOFT PLAY AREA	<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>The Board propose fitting cage guards to the 7 sprinkler heads in this room as per the attached datasheet from SIGMA FIRE Type SC004. Please confirm the following;</p> <p>1) Confirm with the sprinkler installer (Mercury) that they will warrant the use of this product over their sprinkler head, or alternatively, do they market a similar product that we can install.</p> <p>2) Provide a price for the supply and installation of 7 No. cage guards to the sprinkler heads in room DCFP-051.</p> <p>Refer attached datasheet.</p> <p>PM noted that the users have advised that they do not consider the baskets as a ligature risk. PM requested that BMCL progress the fitting of the baskets asap as the Board Chairman has taken an interest in the DCFP area. DW advised that the retrofit of the basket may cause difficulty re warranty. DW agreed to get an update from LJ and provide feedback asap.</p> <p>PM advised that DW has provided an email and on the basis of this email PM had advised the users that there is a difficulty in getting warranty on the system if baskets are installed.</p> <p>GF noted that he would liaise with PM regarding the way forward</p> <p>GA noted that DW had been advised by Mercury that they will not fit the cage guards. PM noted that he had thought DW was going to liaise further with the insurance company. GA agreed to check with DW.</p> <p>GA advised this had been discussed with DW. DW advised that it needs to be an approved design and therefore a new fitment/sprinkler head would need to be installed. DW had already confirmed this by email to the PM prior to PM leaving the Board.</p> <p><b>It was agreed this item was closed. GF to confirm out that not being progressed. GA advised that the 23<sup>rd</sup>/24<sup>th</sup> had been programmed for the door entry works.</b></p>	
5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p> <p>3) Extension of Tobermore paving from OB to Langlands Drive</p> <p>4) Access path across grasscrete to CP2 staircore.</p> <p>5) Construction of grassed strips between office block and CMB/Carpark</p> <p>GA noted that LJ is awaiting costs from LE</p> <p>LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</p> <p>GF advised that he would liaise with DR regarding the costs provided.</p> <p><b>GF advised that he would liaise with DWL regarding the way forward.</b></p>	

5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	10/02/2016  25/02/2016 10/03/2016  24/03/2016	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.</p> <p>Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation.</p> <p>LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter.</p> <p>GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL.</p> <p>GF agreed to review asap</p>	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016  25/02/2016 24/03/2016	<p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p> <p>It was noted that the sequencing info is awaited.</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up.</p>	Cross ref BMCL EW 150
5342	PMI 464	Destructive Testing of Neurosurgery Overcladding Windows	10/02/2016  25/02/2016 10/03/2016 24/03/2016	<p>The Board has concerns regarding the robustness of the internal window restrictor and external "Jackloc"</p> <p>Provide quotation for the destructive testing of new window frame to establish force required to break the internal restrictor and the Jacloc.</p> <p>GF advised that the further certification had been provided however if reps are not happy then costs would need to be rejected.</p> <p>GF noted that this PMI was now cancelled. A new PMI would be issued re jaclocs. GF would liaise with SWalker re whether fitting of jaclocs is required to the office space.</p> <p>GF advised that he would provide a PMI requesting jaclocs be fitted to all windows</p>	
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016	<p>Alterations to curtain tracks abutting new windows</p> <p>Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows</p> <p>LJ advised that BMCL are awaiting cost info</p> <p>LJ advised that she is pursuing the cost.</p> <p>GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable</p>	
5367	PMI 466	RHC LEVEL 4 DCFP - ANTILIGATURE THUMB TURN TO VISICOM SCREENS	17/02/2016	<p>Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms.</p> <p>Please provide a price to supply and install anti-ligature thumb turn control knobs to the corridor side of the Visicom screens to single and double bedrooms. Note anti-ligature thumb turns fitted to room side already.</p>	

			25/02/2016	Rooms concerned are DCFP-022, 031, 032, 034, 035 & 037. PM advised that the anti-lig thumb turn has a cone shape to the room side and that the room side type is to be the same as that which is to be fitted to the corridor side. It was noted that CE 160 had been issued	
			10/03/2016 24/03/2016	It was noted that CE 160 issued therefore this item could now be closed GA advised that the handles were expected to be delivered to site by 10 <sup>th</sup> April 2016.	
	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLL	17/02/2016	Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..	
			25/02/2016	Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).	
			10/03/2016	For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.	
			24/03/2016	GF advised that he would organise for the pole to be provided. Design and costs for bike stands received. GA advised that the pole had been delivered and that Land Engineering would install before the end of the following week. GA advised that the hole had been cored however an obstruction was identified when the pole was to be fitted. The coring rig is being organised to come back on site.	
5443	PMI 468 -	Asbestos Awareness Training for BMCL Site Staff	07/03/2016	The Board request BMCL provide the cost incurred for the additional training undertaken by BMCL Site Staff and Operatives in order to comply and adhere to the Board's Asbestos Management Policy. This was out with the contractual requirements of the NSGH project. Cross reference BMCL/EW/168	
			10/03/2016 24/03/2016	It was noted that NHS to issue CE to BMCL. It was noted that this item is closed.	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016	The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172	
			24/03/2016	GA advised that LJ is pursuing the cost info.	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame.	
			10/03/2016 24/03/2016	GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD	09/03/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered	

		REQUIREMENTS	10/03/2016  24/03/2016	<p>Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.</p> <p>BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month.</p>	
5509	PMI 472 -	Scaffold Alterations - Level 2 South Tower	21/03/2016  24/03/2016	<p>The Board request that BMCL carry out alterations to the level 2 south tower scaffolds to allow replacement of faulty UPS Equipment. Scaffold transoms to be raised with standard on AHU support beam removed.</p> <p>Anticipated delivery date w/c 4th April 2016, date will be confirmed under separate correspondence. GA advised that D&amp;B had been asked to provide costs.</p>	
5510	PMI 473 -	Children's Play Park - Weed Suppression	21/03/2016  24/03/2016	<p>As per discussions on site (between Paul McGuinness and Graham Forsyth) this PMI confirms the verbal agreement that BMCL should not install bark mulch within the planted areas of the children's play park due to issues for immunosuppressed patients.</p> <p>Further direction will be provided whether it may be an alternative or for the weed suppression to be omitted. GF to liaise with IP re bark substitute</p>	
5564	PMI 474 -	Children's Play Park - Weed Suppression	04/04/2016	Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic).	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)	
5575	PMI 476 -	Neurosurgery Overcladding Windows	05/04/2016	The Board request that BMCL supply and fit Jaclocs to all new windows. Cross reference PMI 464.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016  24/03/2016	<p>The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e.</p> <p>Item 1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033.</p> <p>Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.</p> <p>Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.</p> <p>Agreed cost [REDACTED] incl. OH+P but excl. VAT.</p> <p>GA advised that the works are programmed to take place 25<sup>th</sup> April. JS is tying in with the DCFP staff.</p>	Item closed 21/03/2016
19415	CE 168 -	HV Infrastructure Works	07/03/2016	<p>The Board confirm that BMCL should proceed with the works as identified in PMI 461 i.e. the installation of the works detailed within the Wallace Whittle Drg G1613-XX-XX-PL-E60-25, namely;</p> <p>1) Excavation of track approximately 50m.</p> <p>2) Installation of 3No. 200mm uPVC Ducts including draw ropes.</p> <p>3) Backfilling to ensure that the duct crown has 800mm to proposed finished ground level</p> <p>4) Forming 2No. temporary draw pits.</p>	Item closed 21/03/2016
19863	CE 169 -	Asbestos Awareness Training for BMCL site staff	04/04/2016	<p>The Board confirms acceptance of the costs incurred by BMCL (under BMCL EW 172 and PMI 469) to provide additional training in order to comply the Board's Asbestos Management Policy.</p> <p>Agreed cost: [REDACTED] inclusive of OH&amp;P but exclusive of VAT</p>	Item closed 05/04/2016
19864	CE 170 -	City Bike Stands at QEUH Main Entrance - Sign Pole	04/04/2016	<p>The Board confirm that BMCL should proceed with PMI 467 regarding the installation of the sign pole for City Bike at the main entrance to the QEUH.</p> <p>Agreed cost: [REDACTED] inclusive of OH&amp;P but exclusive of VAT</p>	Item closed 05/04/2016
19866	CE 171 -	DCFP - Anti-ligature Thumb Turn to Visicom screens	04/04/2016	<p>The Board confirm that BMCL should proceed with PMI 466 regarding the installation of Anti-ligature Thumb Turn to Visicom screens to rooms DCFP 022, 031, 032, 035, 037 within RHC level 4.</p> <p>Agreed cost: [REDACTED] inclusive of OH&amp;P but exclusive of VAT</p>	Item closed 05/04/2016





## Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) **GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016)**
- Gas Meter (BMS) – DW noted that this was still to be connected and advised that BMCL needed detail of how/where to connect to for pulsed output. HMc agreed to check with the manufacturer. (24/09/2015) HMc noted that he needed the serial numbers of the gas meter. It was agreed that DW and HM would meet on site to obtain the number (01/10/2015) HMc advised that he had spoken to Cyril who had advised that he had contacted BMCL. DW advised that he was not aware of any contact being made HMc agreed to check this out. (12/11/2015) GA noted that DW is awaiting contact details from Estates re wiring in BMU. GA advised that DW could be asked to provide an update by email (26/11/2015) It was noted that DW is in discussion with JKeenan – a connection for into the meter has been requested. HMc noted that it had been suggested that there had been a fault with the meter. (10/12/2015) DW advised that he was awaiting confirmation from JKennan re new chatterbox being issued (14/01/2016) It was noted that DW is awaiting an update from JKeenan (28/01/2016) No update was available regarding replacement chatterbox – GF agreed to liaise with JK for an update (11/02/2016) **GF noted that BMCL are awaiting the chatterbox being fitted by the NHS Estates Dept (25/03/2016).**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) **GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016)**



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 20/04/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	<b>WIP</b>	

26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped,	

			01/10/2015	<p>witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1 <sup>st</sup> phase works. BMCL are also awaiting information about the underground services.	
			22/10/2015	PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31 <sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMII/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.	
			12/11/2015	GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16 <sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient & therapies building would be demolished at handover to BMCL.	
			26/11/2015	GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that	

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2015</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p> <p>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p> <p>It was noted that a revised programme has been issued which updates on the works</p> <p>LJ advised that the costs should be with the NHS in the next few weeks.</p> <p>LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]</p> <p>GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p>	



			26/11/2015	<p>A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p>	<p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
			10/12/2015	<p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p> <p>GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.</p>	<p>Item to remain on tracker until demolition works complete.</p>
28099	BMCL-EWN-172	INS Entrance - BMS System	<p>14/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>BMS system was not included in the CEN issued by the NHS instructing the works for the INS entrance to commence. Please confirm whether these works are required?</p> <p>GA advised that there is a provisional sum identified for these works. DW advised that LJ is checking with Mercury for cost so can identify the actual cost against the provisional sum.</p> <p>LJ noted that BMCL are awaiting fixed costs from Mercury as the [REDACTED] is a provisional sum. LJ advised that BMCL do not have a PMI to instruct the works and requested that the NHS issue the PMI. GA requested a scope for the works.</p> <p>It was noted that BMCL are awaiting the issue of the PMI from the NHS for the design and install of BMS. Allowance within project budget costs.</p> <p>GF agreed to provide the PMI asap. GW noted that a cost from Mercury had been provided at the start as had advised that would be needed to make the system work however DR had advised that it wasn't</p>	<p>Cross reference PMI 469</p>

			10/03/2016	required. PMI requesting cost information provided therefore this EW can be closed.	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . <b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible. GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc. <b>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14<sup>th</sup> April 2016.</b>	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	<p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
			13/08/2015	<p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p>	
			27/08/2015	<p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p>	
			17/09/2015	<p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
			24/09/2015	<p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p>	
			01/010/2015	<p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
			08/10/2015	<p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
			22/10/2015	<p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
			12/11/2015	<p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
			26/11/2015	<p>GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
			10/12/2015	<p>GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the</p>	


			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p>	<p>panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.</p> <p>GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.</p> <p>GA advised that the panel was expected to be delivered to the Structal factory w/c 14<sup>th</sup> March and to the QEUH w/c 21<sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.</p> <p>GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucubond) was awaited.</p> <p>GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.</p>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	<p>17/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p>	<p>The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.</p> <p>GA noted that GB had been chasing WSP for the report..</p> <p>GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS</p> <p>GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</p> <p>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCox to go through the report. The report would subsequently be issued to the NHS asap. It was noted that BMCL had received correspondence from WSP earlier that day . Letter would be issued to the NHS asap.</p> <p>GW advised that the letter received from WSP was under review by BMCL. BMCL had also received a report from Gillespies which suggested that there are no hard/soft landscaping changes which can be done to assist. The WSP outcome had taken longer than expected to obtain as the model which the previous survey had been carried out on was now not available. GW noted that JCox had advised that he had told the NHS that they would be building a 14 storey building on a windy site.</p> <p>GA advised that the wind survey report is with AFernie.</p> <p>GA advised that AF had issued the letter to DWL on 21/03/2016. GF agreed to liaise with DWL.</p>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	<p>26/11/2015</p>	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p>	

			<p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p>	<p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p> <p>GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to agree HAI Scribe for the high risks areas.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH</p>	

			14/01/2016	Park. GA advised that there was lighting being put in as part of the children's park but only small lights. GH noted that he had a similar concern about the lighting raised to himself as well.	
			28/01/2016	GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	
			11/02/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			25/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).	
			10/03/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	
			24/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
			07/04/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
				GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
29125	NHS EW 066 -	Phase 3a HV Cable Fault	09/03/2016	The Boards Estates team have advised that a fault has been identified on the HV cable that crosses the Phase 3a Landscaping site.	
			10/03/2016	The suggestion from the Estates team is that the Demolition site trafficking over the cable has caused the fault.	
			24/03/2016	Allow the Boards HV Contractor access to site to carryout investigations and repairs.	
			07/04/2016	GA noted that PMcG has been in touch with contractors for them to get access to site to do exploratory works. GA advised that BMCL have not damaged the drain.	
				GA noted that he understood that the reps had been onsite and cut the piece of cable out, replaced and rejoined.	
				HMc noted that he understood that the cable had been repaired. HMc advised that he would provide the BMCL feedback to the Estates Reps.	

## PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 20/04/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4099	PMI 428	MAIN ENTRANCE FEATURE WALLS – WEST AND NORTH	21/07/2015	Following recent opening ceremony the hospitals have new names and these will require to be displayed on entrance walls. Do not fit signs based on existing design, prepare new sign layout and procure and install based on new names.	

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		ENTRANCE TO BOULEVARD		<p>The names for the new hospitals are;</p> <p>The Queen Elizabeth University Hospital, Glasgow The Royal Hospital for Children, Glasgow</p> <p>Please prepare new design for sign installation for approval, following which supply and install as per existing proposals. Where possible retain all materials already fabricated.</p> <p>23/07/2015 GB advised that BMCL would put an instruction to Land Eng.</p> <p>30/07/2015 GB noted that he had asked Gillespies to update their drawings.</p> <p>06/08/2015 GA advised that the bulk of the works will be complete by 7<sup>th</sup> August with the exception of the coping stone. AF advised that the coping stone design had been changed and he suggested it would be circa 5 weeks to manufacture.</p> <p>13/08/2015 GB advised that Joanne is currently working on this and GB would request an update re progress from Joanne asap. GA advised that the scaffolding is all coming down and landscaping will be commenced. GB noted that Jmiller is investigating a way to connect the lights and he would ask Jmiller for an update. GW suggested that costs initially proposed did not include enough for the works which will be required to connect the lighting due to the distance to the nearest connection point.</p> <p>27/08/2015 PM advised that he will print of the drawings and provide to DL for DL to show to Rcalderwood.</p> <p>17/09/2015 PM advised that he would approve the drawings asap and agreed to provide the response via Aconex</p> <p>24/09/2015 GB advised that revised drawings have been issued for RDD. PM advised that the drawings would be reviewed asap.</p> <p>01/10/2015 GB noted that a series of drawings had been issued and feedback from PM was awaited.</p> <p>08/10/2015 GA noted that he had received the RDD drawings back and that BMCL will order up the lettering asap. The coping was due to be installed soon. BMCL had received design proposals for the lighting and planted beds.</p> <p>22/10/2015 GB advised that he had received the document as a no comment therefore had passed to Land Eng to progress.</p> <p>12/11/2015 PM noted that the Board were considering changing the colour of the signage/lettering as the sign wasn't very clear. GA advised that the lettering on the signage was the wrong size and would be replaced therefore if the NHS wanted to change colours then this would be an opportunity to do so now. It was noted that the stainless steel did not stand out. GB advised that he would ask for samples to be provided.</p> <p>26/11/2015 GA advised that BMCL had received samples earlier that day but they were not happy with them so would not be offering the samples up for NHS review.</p> <p>10/11/2015 GA advised that the signs had been ordered and a delivery date was awaited from Land Eng.</p> <p>14/01/2016 GA advised that the revised signage was due mid Feb and the duct works would be commenced 25<sup>th</sup> Jan 2016.</p> <p>28/01/2016 GA noted that signage will start to be installed the following day and the lights would be installed mid Feb 2016.</p> <p>11/02/2016 GA noted that the lights would be on by 19<sup>th</sup> Feb 2016.</p> <p>25/02/2016 GA advised that the signage has been installed. BMCL are not satisfied with the repairs to the</p>	
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			07/04/2016	HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	01/12/2015  10/12/2015 14/01/2016  28/01/2016  11/02/2016 25/02/2016  10/03/2016  24/03/2016 07/04/2016	<p>In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p>GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</p> <p>GA advised that JS had provided the tile replacement marked up drawing to SF.</p> <p>GA advised that the delivery of the 14 remaining tiles is still awaited.</p>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015  10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p>It was noted that CE 165 has been issued. Item closed.</p> <p>GA advised that the drawings had been received and will be reviewed asap. Item closed.</p> <p>GA advised that BMCL had the Nightingale drawings but were awaiting the WW drawings. GF agreed to discuss this with SRussell.</p>	CE 165

5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	<p>02/12/2015</p> <p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote. GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room. 11/02/2016 GF noted that he would liaise with PM 25/02/2016 GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed. 10/03/2016 GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	
5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p> <p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following; 1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard. 2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive 3) Extension of Tobermore paving from OB to Langlands Drive 4) Access path across grasscrete to CP2 staircore. 5) Construction of grassed strips between office block and CMB/Carpark</p> <p>14/01/2016 GA noted that LJ is awaiting costs from LE 28/01/2016 LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW. 11/02/2016 It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up. 25/02/2016 It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review. 10/03/2016 GF advised that he would liaise with DR regarding the costs provided. 24/03/2016 GF advised that he would liaise with DWL regarding the way forward.</p>	

5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	10/02/2016  25/02/2016 10/03/2016  24/03/2016	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.</p> <p>Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation.</p> <p>LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter.</p> <p>GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL.</p> <p>GF agreed to review asap</p>	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016  25/02/2016 24/03/2016  07/04/2016	<p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p> <p>It was noted that the sequencing info is awaited.</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up.</p> <p>LJ advised that the quote received from Mercury had exclusions and another quote is being sought.</p>	Cross ref BMCL EW 150
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016	<p>Alterations to curtain tracks abutting new windows</p> <p>Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows</p> <p>LJ advised that BMCL are awaiting cost info</p> <p>LJ advised that she is pursuing the cost.</p> <p>GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable</p> <p>GA advised that RGalloway had requested a copy of the quotation provided by D&amp;B Facades for review. GF to confirm way forward.</p>	
	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLE	17/02/2016	<p>Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..</p> <p>Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).</p> <p>For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.</p>	Cross reference CE 170

			25/02/2016 10/03/2016 24/03/2016 07/04/2016	GF advised that he would organise for the pole to be provided. Design and costs for bike stands received. GA advised that the pole had been delivered and that Land Engineering would install before the end of the following week. GA advised that the hole had been cored however an obstruction was identified when the pole was to be fitted. The coring rig is being organised to come back on site. GA advised that confirmation of the rig returning is awaited from Land Eng. If the works are not completed by 13/04/2016 then BMCL will instruct the works to be carried out by another company.	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016 24/03/2016	The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172 GA advised that LJ is pursuing the cost info.	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016 10/03/2016 24/03/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame. GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016   10/03/2016 24/03/2016  07/04/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month. GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options.	Cross ref PMI 475

5509	PMI 472 -	Scaffold Alterations - Level 2 South Tower	21/03/2016  24/03/2016 07/04/2016	The Board request that BMCL carry out alterations to the level 2 south tower scaffolds to allow replacement of faulty UPS Equipment. Scaffold transoms to be raised with standard on AHU support beam removed.  Anticipated delivery date w/c 4th April 2016, date will be confirmed under separate correspondence. GA advised that D&B had been asked to provide costs. LJ advised that cost would be uploaded asap	
5510	PMI 473 -	Children's Play Park - Weed Suppression	21/03/2016  24/03/2016 07/04/2016	As per discussions on site (between Paul McGuinness and Graham Forsyth) this PMI confirms the verbal agreement that BMCL should not install bark mulch within the planted areas of the children's play park due to issues for immunosuppressed patients.  Further direction will be provided whether it may be an alternative or for the weed suppression to be omitted. GF to liaise with IP re bark substitute It was agreed that this item could be closed as PMI 474 requests alternate solution.	Cross ref PMI 474
5564	PMI 474 -	Children's Play Park - Weed Suppression	04/04/2016  07/04/2016	Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic). GA advised that Land Eng have been requested to provide samples for review by the Board. GA noted that if a membrane is to be used then the planting would need to be removed so allow the membrane to be put in place and then replaced/replanted.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016  07/04/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)	
5575	PMI 476 -	Neurosurgery Overcladding Windows	05/04/2016	The Board request that BMCL supply and fit Jaclocs to all new windows. Cross reference PMI 464.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016	The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e. Item1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads.	Item closed 21/03/2016

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			24/03/2016  07/04/2016	Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.  Agreed cost [REDACTED] incl. OH+P but excl. VAT. GA advised that the works are programmed to take place 25 <sup>th</sup> April. JS is tying in with the DCFP staff. GA advised that works are complete with the exception of the balustrade (awaiting delivery to site w/c 12/04/2016) and door entry system (programmed for the end of April)	
19866	CE 171 -	DCFP - Anti-ligature Thumb Turn to Visicom screens	04/04/2016  07/04/2016	The Board confirm that BMCL should proceed with PMI 466 regarding the installation of Anti-ligature Thumb Turn to Visicom screens to rooms DCFP 022, 031, 032, 035, 037 within RHC level 4.  Agreed cost: [REDACTED] inclusive of OH&P but exclusive of VAT  GA Noted that the handles are due to be delivered to site w/c 11/04/2016	Item closed 05/04/2016

#### Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) **GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016)**


- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 18/05/2016:

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 16/05/2016:

<div style="float: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <p>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</p> <p>PMI 338 – full fit out</p> <p>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</p> <p>PMI 343 – fit out</p> <p>PMI 347 – Change of materials</p> <p>PMI 352 – additional electrical sockets</p> <p>PMI 357 – additional water supplies</p> <p>PMI 360 – additional power, water and drainage connections</p> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	
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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	<b>GA advised that he had chased up Mercury the previous week and would continue to pursue</b>	

				however noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting date for completion of the drawings.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015        24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations	

			<p>noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p>
		01/10/2015	<p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>
		08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>
		22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>
		12/11/2015	<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>
		26/11/2015	<p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>

			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	
			11/02/2016	It was noted that a revised programme has been issued which updates on the works	
			25/02/2015	LJ advised that the costs should be with the NHS in the next few weeks.	
			10/03/2016	LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]	
			24/03/2016	GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.	
			21/04/2016	LJ advised that awaiting final account discussion with GW so can build up the other costs.	
			05/05/2016	LJ advised that GW is working on the costs for discussion with C&B.	

27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUILDINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p> <p>GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night.</p> <p>It was noted that the works have been carried out.</p>	<p>Item to remain on tracker until demolition works complete.</p>
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	<p>12/01/2016</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p>	




			25/02/2016	HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016 21/04/2016 05/05/2016	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p> <p>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</p> <p>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14th April 2016.</p> <p>GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services.</p> <p>GF advised that AD is pursuing the removal of the fire damper panel.</p>	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016	<p>Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road.</p> <p>GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings</p>	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured.	



29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016	We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 04/05/2016

					
SyproID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	

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			30/07/2015	<p>FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p> <p>FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11<sup>th</sup> and 4<sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	<p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
			13/08/2015	<p>GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p>	
			27/08/2015	<p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p>	
			17/09/2015	<p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
			24/09/2015	<p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p>	
			01/10/2015	<p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
			08/10/2015	<p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
			22/10/2015	<p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
			12/11/2015	<p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
			26/11/2015	<p>GA advised that the works were substantially complete. The fin on the south east corner had been fitted</p>	


			<p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p>	<p>back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p> <p>GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.</p> <p>GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.</p> <p>GA advised that the panel was expected to be delivered to the Structal factory w/c 14<sup>th</sup> March and to the QEUH w/c 21<sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.</p> <p>GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucubond) was awaited.</p> <p>GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.</p> <p>GA advised that Level 11 panel works to be carried out either 23<sup>rd</sup> or 24<sup>th</sup>. The alucobond panel works will be carried out when the NCH Roof Garden works are being undertaken.</p> <p>GA advised that the Structal panel was being delivered 06/05/2016 and would be fitted asap thereafter dependent on satisfactory weather conditions. GA enquired which ward had been affected by the fire incident and GF agreed to confirm.</p>	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	<p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p>	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p> <p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been</p>	

			<p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p>	<p>advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured. GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p> <p>GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.</p> <p>GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.</p> <p>GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.</p> <p>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</p> <p>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).</p>	

			25/02/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	
			10/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
			24/03/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
			07/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
			21/04/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.	
			05/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 18/05/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was	

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			<p>11/02/2016 suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.</p> <p>25/02/2016 GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.</p> <p>10/03/2016 GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.</p> <p>24/03/2016 HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.</p> <p>07/04/2016 GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblin to be finalised asap.</p> <p>05/05/2016 HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.</p> <p>HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.</p>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	<p>01/12/2015 In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>10/12/2015 Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>14/01/2016 LJ advised that info is awaited from AC Flooring</p> <p>28/01/2016 GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>11/02/2016 GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>25/02/2016 Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p>10/03/2016 GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</p>	Item closed Cross ref CE 175



			24/03/2016 07/04/2016 05/05/2016	GA advised that JS had provided the tile replacement marked up drawing to SF. GA advised that the delivery of the 14 remaining tiles is still awaited. GA advised that tiles have now been delivered and confirmation of labour to install the teams is awaited.	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	01/12/2015       10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016  05/05/2016	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p>It was noted that CE 165 has been issued. Item closed.</p> <p>GA advised that the drawings had been received and will be reviewed asap. Item closed.</p> <p>GA advised that BMCL had the Nightingale drawings but were awaiting the WW drawings. GF agreed to discuss this with SRussell.</p> <p>GF advised that he had passed the drawings to Anne Harkness however he needed the cost info so that he could provide this to SRussell and also the M&amp;E info. GA noted that DW had gone back to WWhittle on a couple of points and once response from WWhittle has been obtained the final M&amp;E drawings would be provided asap. NHS to confirm if medical gases are required. GA advised that in anticipation of carrying out the works that he had requested the HAI Scribe to be prepared.</p>	CE 165
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p>	CE to be issued



			<p>10/12/2015 14/01/2016 28/01/2016</p> <p>11/02/2016 25/02/2016</p> <p>10/03/2016</p>	<p>Room OPD-014 OBSERVATION ROOM</p> <p>At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote.</p> <p>GA noted that LJ has received costs and will upload to Sypro by close of business that day.</p> <p>LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.</p> <p>GF noted that he would liaise with PM</p> <p>GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.</p> <p>GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	
5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p> <p>14/01/2016 28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016 10/03/2016 24/03/2016 05/05/2016</p>	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <ol style="list-style-type: none"> <li>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</li> <li>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</li> <li>3) Extension of Tobermore paving from OB to Langlands Drive</li> <li>4) Access path across grasscrete to CP2 staircore.</li> <li>5) Construction of grassed strips between office block and CMB/Carpark</li> </ol> <p>GA noted that LJ is awaiting costs from LE</p> <p>LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</p> <p>GF advised that he would liaise with DR regarding the costs provided.</p> <p>GF advised that he would liaise with DWL regarding the way forward.</p> <p>GF advised that the works would be awarded soon and the NHS were in the process of finalising the internal budgets to allow the works to be awarded.</p>	
5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	<p>10/02/2016</p> <p>25/02/2016 10/03/2016</p> <p>24/03/2016 05/05/2016</p>	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.</p> <p>Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation.</p> <p>LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter.</p> <p>GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL.</p> <p>GF agreed to review asap</p> <p>GF noted that these works may not be progressed through BMCL and he would confirm the way forward asap.</p>	

5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016  25/02/2016 24/03/2016  07/04/2016 21/04/2016	Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base  Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base. Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document. It was noted that the sequencing info is awaited. GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up. LJ advised that the quote received from Mercury had exclusions and another quote is being sought. LJ advised that the cost had been uploaded to Sypro for NHS review	Cross ref BMCL EW 150
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016  21/04/2016  05/05/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016  24/03/2016 05/05/2016	The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172 GA advised that LJ is pursuing the cost info. It was agreed that this item could now be closed. CE 172 issued.	Cross ref CE 172

5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016 24/03/2016 21/04/2016  05/05/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame. GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design GA advised that the design has now been received and the costs are being identified. An instruction to get the steel fabricated has been drafted for issue. AC flooring costs are awaited. BMCL will provide a programme for the works so the NHS can have an understanding of how long the room will be out of use so can schedule the works. LJ noted that the cost would be uploaded by 09/05/2016. GA advised that the works would be 3-4 weeks once commenced.	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016  10/03/2016 24/03/2016 07/04/2016 21/04/2016 05/05/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month. GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options. GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016. GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell.	Cross ref PMI 475
5509	PMI 472 -	Scaffold Alterations - Level 2 South Tower	21/03/2016	The Board request that BMCL carry out alterations to the level 2 south tower scaffolds to allow replacement of faulty UPS Equipment. Scaffold transoms to be raised with standard on AHU support beam removed.	Cross ref CE 174

			24/03/2016 07/04/2016 21/04/2016 05/05/2016	Anticipated delivery date w/c 4th April 2016, date will be confirmed under separate correspondence. GA advised that D&B had been asked to provide costs. LJ advised that cost would be uploaded asap LJ advised that the costs had been uploaded for NHS review CE issued therefore item could be closed	
5564	PMI 474 -	Children's Play Park - Weed Suppression	04/04/2016  07/04/2016  21/04/2016 05/05/2016	Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic). GA advised that Land Eng have been requested to provide samples for review by the Board. GA noted that if a membrane is to be used then the planting would need to be removed so allow the membrane to be put in place and then replaced/replanted. GA advised that BMCL have spoken to Land Eng & Gillespies and will provide proposals. GA advised that the options were to be forwarded to IP. GA noted that there were 2 options provided.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)	
5575	PMI 476 -	Neurosurgery Overcladding Windows	05/04/2016 21/04/2016 05/05/2016	The Board request that BMCL supply and fit Jalclocs to all new windows. Cross reference PMI 464. NHS to provide CE for costs NHS to provide CE for costs	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	22/04/2016	The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows; 1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high) 2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point.	
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No. mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June.	

5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016  05/05/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.  GF confirmed that the larger screws should be used to fix the IPS Panels.	
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## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016  24/03/2016 07/04/2016 05/05/2016	The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e. Item 1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads. Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.  Agreed cost [REDACTED] incl. OH+P but excl. VAT. GA advised that the works are programmed to take place 25 <sup>th</sup> April. JS is tying in with the DCFP staff. GA advised that works are complete with the exception of the balustrade (awaiting delivery to site w/c 12/04/2016) and door entry system (programmed for the end of April) GA advised that the balustrade was bow in and the door entry system was to be installed.	Item closed 21/03/2016
19866	CE 171 -	DCFP - Anti-ligature Thumb Turn to Visicom screens	04/04/2016  07/04/2016 21/04/2016 05/05/2016	The Board confirm that BMCL should proceed with PMI 466 regarding the installation of Anti-ligature Thumb Turn to Visicom screens to rooms DCFP 022, 031, 032, 035, 037 within RHC level 4.  Agreed cost: [REDACTED] inclusive of OH&P but exclusive of VAT  GA Noted that the handles are due to be delivered to site w/c 11/04/2016 GA advised that he would liaise with JS for an update GA advised that the replacement thumb turns had all been fitted and the visioms cams had also been changed whilst working in that area.	Item closed 05/04/2016
20250	CE 176 -	Alterations to Childrens Roof Gardens	29/04/2016	The Board confirm that BMCL should proceed with the alterations to the Children's Roof Garden as detailed in PMI 478 i.e. 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding.	

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				4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. Agreed maximum cost [REDACTED] inclusive of OH&P but ex VAT	
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#### Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) **GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) **GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016)**

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 04/05/2016:

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Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	<b>GA advised that he was awaiting feedback from GB who had just returned back from leave</b>	

26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 2015. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped,	

			01/10/2015	<p>witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
			22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMII/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
			12/11/2015	<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
			26/11/2015	<p>GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p>	
			10/12/2015	<p>GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that</p>	

			14/01/2016	<p>materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p>	
			28/01/2016	<p>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p>	
			11/02/2016	<p>It was noted that a revised programme has been issued which updates on the works</p>	
			25/02/2015	<p>LJ advised that the costs should be with the NHS in the next few weeks.</p>	
			10/03/2016	<p>LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]</p>	
			24/03/2016	<p>GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.</p>	
			21/04/2016	<p>LJ advised that awaiting final account discussion with GW so can build up the other costs.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s; ORTHO THEATRES (DG)</p>	

			<p>26/11/2015</p> <p>10/12/2015</p>	<p>SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p><b>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</b></p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p> <p>GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.</p>	<p>Item to remain on tracker until demolition works complete.</p>
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	<p>12/01/2016</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p>	<p>Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p> <p><b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b></p>	

28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	<p>12/01/2016</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p>	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p> <p>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</p> <p>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14<sup>th</sup> April 2016.</p> <p>GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services.</p>	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016	Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road.	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured.	



SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	
			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be	

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				<p>fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
			06/08/2015	<p>PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p>	
			13/08/2015	<p>GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p>	
			27/08/2015	<p>GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p>	
			17/09/2015	<p>GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p>	
			24/09/2015	<p>GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p>	
			01/010/2015	<p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
			08/10/2015	<p>GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.</p>	
			22/10/2015	<p>PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.</p>	
			12/11/2015	<p>GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.</p>	
			26/11/2015	<p>GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.</p>	
			10/12/2015	<p>GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the</p>	

			<p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p>	<p>panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.</p> <p>GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.</p> <p>GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1<sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.</p> <p>GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.</p> <p>GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.</p> <p>GA advised that the panel was expected to be delivered to the Structal factory w/c 14<sup>th</sup> March and to the QEUH w/c 21<sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.</p> <p>GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucobond) was awaited.</p> <p>GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.</p> <p>GA advised that Level 11 panel works to be carried out either 23<sup>rd</sup> or 24<sup>th</sup>. The alucobond panel works will be carried out when the NCH Roof Garden works are being undertaken.</p>	
27785	NHS EWN 063 -	Consultant Wind Study re QEUH/RHC - Front Elevation	<p>17/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>21/04/2016</p>	<p>The Board request that the report prepared by the BMCL Consultant undertaking a Wind Study of the front elevation of the QEUH/RHC be provided to the Board asap.</p> <p>GA noted that GB had been chasing WSP for the report..</p> <p>GA advised that GB was scheduled to meet with WSP to review the report prior to formal issue to the NHS</p> <p>GA noted that BMCL had met with JCox earlier that day. JCox had suggested that there is no great difference in study findings. The letter from JCox would be issued to the NHS asap. GF enquired if it would be worthwhile trying to validate the model. DW noted this is difficult to do. GA noted that the next step would be to carry out wind tunnel analysis of a 3d model. GF suggested that monitors could be put up. GA advised that BMCL would digest the JCox info and thereafter agree to meet to discuss way forward to resolve. PM suggested that this matter would not be an issue that the Board would drop.</p> <p>GF reported that GB had advised that WSP were due to issue their report later that day. GB had arranged to meeting with JCox to go through the report. The report would subsequently be issued to the NHS asap. It was noted that BMCL had received correspondence from WSP earlier that day . Letter would be issued to the NHS asap.</p> <p>GW advised that the letter received from WSP was under review by BMCL. BMCL had also received a report from Gillespies which suggested that there are no hard/soft landscaping changes which can be done to assist. The WSP outcome had taken longer than expected to obtain as the model which the previous survey had been carried out on was now not available. GW noted that JCox had advised that he had told the NHS that they would be building a 14 storey building on a windy site.</p> <p>GA advised that the wind survey report is with AFernie.</p> <p>GA advised that AF had issued the letter to DWL on 21/03/2016. GF agreed to liaise with DWL.</p> <p>It was noted this item should be closed.</p>	

27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.
			10/12/2015	Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.
			28/01/2016	GA advised that WIP to level 8. Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.
			11/02/2016	GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward. GA noted that the encapsulated door sample was to be offered to the NHS for review.
			25/02/2016	GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.
			10/03/2016	GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.
			24/03/2016	GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised
			07/04/2016	GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.
			21/04/2016	GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.

28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	
			10/12/2015	GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	
			14/01/2016	GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.	
			28/01/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			11/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).	
			25/02/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	
			10/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
			24/03/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
			07/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
			21/04/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.	
29125	NHS EW 066 -	Phase 3a HV Cable Fault	09/03/2016	The Boards Estates team have advised that a fault has been identified on the HV cable that crosses the Phase 3a Landscaping site. The suggestion from the Estates team is that the Demolition site trafficking over the cable has caused the fault.	
			10/03/2016	Allow the Boards HV Contractor access to site to carryout investigations and repairs. GA noted that PMcG has been in touch with contractors for them to get access to site to do exploratory works. GA advised that BMCL have not damaged the drain.	
			24/03/2016	GA noted that he understood that the reps had been onsite and cut the piece of cable out, replaced and rejoined.	
			07/04/2016	HMc noted that he understood that the cable had been repaired. HMc advised that he would provide the BMCL feedback to the Estates Reps.	
			21/04/2016	Item closed	

# PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 04/05/2016

Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	
			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.	
			24/03/2016	GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblin to be finalised asap.	
			07/04/2016	HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from	

			04/05/2016	<p>leave.</p> <p>HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planng.</p>	
5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	<p>01/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p>	<p>In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p>GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</p> <p>GA advised that JS had provided the tile replacement marked up drawing to SF.</p> <p>GA advised that the delivery of the 14 remaining tiles is still awaited.</p>	<p>Item closed</p> <p>Cross ref</p>
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	<p>01/12/2015</p> <p>10/12/2015</p>	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p>	<p>CE 165</p>





			28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016	LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW. It was noted that the cost had been submitted and was with Currie & Brown for review. GF agreed to chase this up. It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review. GF advised that he would liaise with DR regarding the costs provided. GF advised that he would liaise with DWL regarding the way forward.	
5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	10/02/2016    25/02/2016 10/03/2016 24/03/2016	The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.  Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 & 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation. LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter. GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL. GF agreed to review asap	
5340	PMI 463	VIE 2 Medical Gas Alterations	10/02/2016   25/02/2016 24/03/2016 07/04/2016 21/05/2016	Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base  Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base. Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document. It was noted that the sequencing info is awaited. GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up. LJ advised that the quote received from Mercury had exclusions and another quote is being sought. LJ advised that the cost had been uploaded to Sypro for NHS review	Cross ref BMCL EW 150
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016   25/02/2016 10/03/2016 24/03/2016 07/04/2016 21/05/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building.	

	PMI 467	QEUH - CITY BIKE STANDS AT MAIN ENTRANCE - SIGN POLE	17/02/2016  25/02/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016	<p>Take delivery of 3.5mm long, 76mm dia stainless steel sign pole supplied to your Neuro site cabins. Install into the 200mm dia cored hole at west end of west bike racks, excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite..</p> <p>Take delivery of 3.5mm long, 76mm dia sign pole supplied to your Neuro site cabins. To 200mm dia cored hole at west end of west bike racks excavate hole to a depth of 600mm, insert and grout in pole to achieve a height of 2.9m from surrounding granite. (Delivery to be arranged through Graham Forsyth).</p> <p>For information only - others will supply and fit a 500mm cube onto of the post leaving a clear height below the base of the cube of 2.4m.</p> <p>GF advised that he would organise for the pole to be provided. Design and costs for bike stands received.</p> <p>GA advised that the pole had been delivered and that Land Engineering would install before the end of the following week.</p> <p>GA advised that the hole had been cored however an obstruction was identified when the pole was to be fitted. The coring rig is being organised to come back on site.</p> <p>GA advised that confirmation of the rig returning is awaited from Land Eng. If the works are not completed by 13/04/2016 then BMCL will instruct the works to be carried out by another company.</p> <p>GA advised that the works had been completed therefore item could be closed.</p>	
5444	PMI 469 -	INS Entrance - BMS System	07/03/2016  24/03/2016	<p>The Board request that BMCL provide the cost for the supply, install and commissioning of the BMS FOR THE Neurosurgery Entrance Project. (Provisional sum allowance included within overall scheme budget but excluded from CE). Cross ref BMCL-EWN- 172</p> <p>GA advised that LJ is pursuing the cost info.</p>	Cross ref CE 172
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016 24/03/2016 21/04/2016	<p>The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame.</p> <p>GA noted that WSP are progressing the design.</p> <p>GA advised that BMCL are pursuing WSP for a design</p> <p>GA advised that the design has now been received and the costs are being identified. An instruction to get the steel fabricated has been drafted for issue. AS flooring costs are awaited. BMCL will provide a programme for the works so the NHS can have an understanding of how long the room will be out of use so can schedule the works.</p>	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016	<p>The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below</p> <p>Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr</p>	Cross ref PMI 475

			<p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p>	<p>Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.</p> <p>BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month. GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options. <b>GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016.</b></p>	
5509	PMI 472 -	Scaffold Alterations - Level 2 South Tower	<p>21/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p>	<p>The Board request that BMCL carry out alterations to the level 2 south tower scaffolds to allow replacement of faulty UPS Equipment. Scaffold transoms to be raised with standard on AHU support beam removed.</p> <p>Anticipated delivery date w/c 4th April 2016, date will be confirmed under separate correspondence. GA advised that D&amp;B had been asked to provide costs. LJ advised that cost would be uploaded asap <b>LJ advised that the costs had been uploaded for NHS review</b></p>	
5510	PMI 473 -	Children's Play Park - Weed Suppression	<p>21/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p>	<p>As per discussions on site (between Paul McGuinness and Graham Forsyth) this PMI confirms the verbal agreement that BMCL should not install bark mulch within the planted areas of the children's play park due to issues for immunosuppressed patients.</p> <p>Further direction will be provided whether it may be an alternative or for the weed suppression to be omitted. GF to liaise with IP re bark substitute <b>It was agreed that this item could be closed as PMI 474 requests alternate solution.</b></p>	<b>Cross ref PMI 474</b>
5564	PMI 474 -	Children's Play Park - Weed Suppression	<p>04/04/2016</p> <p>07/04/2016</p>	<p>Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic). GA advised that Land Eng have been requested to provide samples for review by the Board. GA noted that if a membrane is to be used then the planting would need to be removed so allow the membrane to be put in place and then replaced/replanted.</p>	

			21/04/2016	GA advised that BMCL have spoken to Land Eng & Gillespies and will provide proposals.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)	
5575	PMI 476 -	Neurosurgery Overcladding Windows	05/04/2016 21/04/2016	The Board request that BMCL supply and fit Jaclocs to all new windows. Cross reference PMI 464. NHS to provide CE for costs	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	22/04/2016	The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows; 1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high) 2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point.	
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June.	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
19414	CE 167 -	RHC LEVEL 4 / WARD 4 DCFP ADAPTATIONS	07/03/2016	The Board confirm that BMCL should proceed with the works as identified in PMI 460 i.e. Item 1 - Provide a cost to supply and install additional video entry controls at DCFP L0 entrance to DCFP-005 and DCFP-033, and also extent main entrance door entry system to DCFP-033. Item 2 - DCFP-015 Provide cost to fabricate and install a demountable raised floor in the room, in 3 sections, as per attached drawing, to include balustrade, vinyl flooring finish and hi-viz nosings to stair treads. Item 3 - Signage - provide two new signs as per drawing, replace sign that incorrectly refers to Level 3 wards.	Item closed 21/03/2016

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			24/03/2016  07/04/2016	Agreed cost [REDACTED] incl. OH+P but excl. VAT. GA advised that the works are programmed to take place 25 <sup>th</sup> April. JS is tying in with the DCFP staff. GA advised that works are complete with the exception of the balustrade (awaiting delivery to site w/c 12/04/2016) and door entry system (programmed for the end of April)	
19866	CE 171 -	DCFP - Anti-ligature Thumb Turn to Visicom screens	04/04/2016  07/04/2016 21/04/2016	The Board confirm that BMCL should proceed with PMI 466 regarding the installation of Anti-ligature Thumb Turn to Visicom screens to rooms DCFP 022, 031, 032, 035, 037 within RHC level 4.  Agreed cost: [REDACTED] inclusive of OH&P but exclusive of VAT  GA Noted that the handles are due to be delivered to site w/c 11/04/2016 GA advised that he would liaise with JS for an update	Item closed 05/04/2016
20241	CE172 -	INS Entrance - BMS System	29/04/2016	The Board confirms that BMCL should proceed with the supply and install of the BMS System to the INS Entrance as per PMI 469. Agreed cost of [REDACTED] inclusive of OH&P but ex VAT.	Item closed 29/04/2016
20242	CE 173 -	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD	29/04/2016	The Board confirm acceptance of the design fees and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL). Agreed cost [REDACTED] inclusive of OH&P but ex VAT.	Item closed 29/04/2016
20247	CE 175 -	QEUH & RHC Atrium Floor Tiles - Repairs to ceramic floor tiles	29/04/2016	The Board confirms acceptance of the quotation for the repairs to the ceramic floor tiles in both the QEUH and RHC atrium areas as per BM site survey 10/12/2015 and as detailed in PMI 453. Agreed cost [REDACTED] inclusive of OH&P but ex VAT.	Item closed 29/04/2016
20247	CE 175	QEUH & RHC Atrium Floor Tiles - Repairs to ceramic floor tiles	29/04/2016	The Board confirms acceptance of the quotation for the repairs to the ceramic floor tiles in both the QEUH and RHC atrium areas as per BM site survey 10/12/2015 and as detailed in PMI 453. Agreed cost [REDACTED] inclusive of OH&P but ex VAT.	Item closed 29/04/2016

#### Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back

up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) **GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016)**

- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . **GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016)**





			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however	

			18/052016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting date for completion of the drawings. <b>GA advised that DW is chasing up Mercury</b>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015  17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015       24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can	

			<p>01/10/2015</p> <p>08/10/2015</p> <p>22/10/2015</p> <p>12/11/2015</p>	<p>be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p>	
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			26/11/2015	GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	
			11/02/2016	It was noted that a revised programme has been issued which updates on the works	
			25/02/2015	LJ advised that the costs should be with the NHS in the next few weeks.	
			10/03/2016	LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]	
			24/03/2016	GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.	

			21/04/2016 05/05/2016 18/05/2016	LJ advised that awaiting final account discussion with GW so can build up the other costs. LJ advised that GW is working on the costs for discussion with C&B. GA noted that LJ was awaiting information from GWallace and suggested that the costs would be issued by cop 20/05/2016	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	24/11/2015  26/11/2015  10/12/2015	Please accept this EWN as notification of continued delays incurred on site due to non-availability of buidlings to be demolished. To date only the following buildings have been released for demolition following the removal of ACM/s; ORTHO THEATRES (DG) SITU (DC) A&E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015. GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated. HMc noted that all buildings had been handed over by Friday 4 <sup>th</sup> December 2015.	*****  All delays to be reviewed at the end of the programme  *****
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	09/12/2015  10/12/2015  14/01/2016 28/01/2016  11/02/2016	Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works. GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B<CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW. GA noted that BMCL had completed their investigative works and surveys. GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.	Item to remain on tracker until demolition works complete.
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos	12/01/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full	

		materials.	14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p> <p><b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b></p>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016 21/04/2016 05/05/2016	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p> <p>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</p> <p>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14<sup>th</sup> April 2016.</p> <p>GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services.</p> <p><b>GF advised that AD is pursuing the removal of the fire damper panel.</b></p>	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016	<p>Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road.</p> <p>GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings</p> <p><b>GA requested that the NHS provide a PMI for changing the drawing(s).</b></p>	

29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured.	
29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016 19/05/2016	We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs. GA advised that it was hoped to slot in those missed wards into the gap in the programme	
30164	BMCL – EWN - 178	Unchartered underground services within Phase 3A works	31/05/2016	Land Engineering have discovered 3 No. potentially live, uncharted, electrical cables within the Central Park area whilst carrying out CAT scans prior to excavating the SUDS pond. The NHS were notified of these on 10th April and it was confirmed to them on 11th May that these were within either the SUDS pond excavation or the Orchard area and therefore need to be diverted/isolated. (The NHS and Burgoyne's have both been out to see the cables but no other action has yet taken place).  These services are now having an impact on progress on site.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 01/06/2016

							
Syproid	NHS Ref No	Item	Date Raised /Discussed	Status		Date Closed out /Status	
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.			
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report			
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.			
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.			
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.			
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.			
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.			
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainbond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed			

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			<p>therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>11/06/2015 FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>25/06/2015 FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>23/07/2015 FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.</p> <p>30/07/2015 FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p> <p>06/08/2015 FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11<sup>th</sup> and 4<sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p> <p>13/08/2015 PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.</p> <p>27/08/2015 GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.</p> <p>17/09/2015 GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.</p> <p>24/09/2015 GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28<sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.</p> <p>01/10/2015 GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.</p> <p>GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.</p>	
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			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
			14/01/2016	GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.	
			28/01/2016	GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1 <sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.	
			11/02/2016	GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.	
			25/02/2016	GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.	
			10/03/2016	GA advised that the panel was expected to be delivered to the Structal factory w/c 14 <sup>th</sup> March and to the QEUH w/c 21 <sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.	
			24/03/2016	GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucobond) was awaited.	
			07/04/2016	GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.	
			21/04/2016	GA advised that Level 11 panel works to be carried out either 23 <sup>rd</sup> or 24 <sup>th</sup> . The alucobond panel works will be carried out when the NCH Roof Garden works are being undertaken.	
			05/05/2016	GA advised that the Structal panel was being delivered 06/05/2016 and would be fitted asap thereafter dependent on satisfactory weather conditions. GA enquired which ward had been affected by the fire incident and GF agreed to confirm.	
			19/05/2016	GA Advised that the works were scheduled to take place on 21/05/2016	

27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.
			10/12/2015	Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.
			28/01/2016	GA advised that WIP to level 8. Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.
			11/02/2016	GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward. GA noted that the encapsulated door sample was to be offered to the NHS for review.
			25/02/2016	GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.
			10/03/2016	GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.
			24/03/2016	GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised
			07/04/2016	GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.
			21/04/2016	GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.
			05/05/2016	GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.
			19/05/2016	GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air

				permeability tests will not be carried out on isolation rooms.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	03/12/2015	In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.	
			10/12/2015	GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.	
			14/01/2016	GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an lpad lux level app had been utilised.	
			28/01/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			11/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).	
			25/02/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	
			10/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
			24/03/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
			07/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
			21/04/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.	
			05/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.	
			19/05/2016	GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 01/06/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status

A51679245

4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblines could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.
			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblines at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.
			24/03/2016	GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblines to be finalised asap.
			07/04/2016	HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.
			05/05/2016	HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.

5059	PMI 453	QEUH & RHC ATRIUM FLOORS - REPAIRS TO CERAMIC FLOOR TILES	<p>01/12/2015</p> <p>10/12/2015 14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016 25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016 07/04/2016 05/05/2016</p> <p>19/05/2016</p>	<p>In addition to repairs being undertaken by Brookfield Multiplex, proceed and repair circa 20 tiles in each location, exact numbers and colours to be established on commencement of works, provide cost for repairs over night.</p> <p>Works cost based on rate per location. Provide cost once survey confirms quantity.</p> <p>LJ advised that info is awaited from AC Flooring</p> <p>GA advised that there is 14 tiles remaining to be replaced in the Adult Hospital – these are on order and awaiting delivery. The replacement tile works in the NCH are almost complete.</p> <p>GA advised that BMCL were awaiting delivery of the remaining 14 tiles. LJ agreed to upload the costs asap.</p> <p>Costs to be uploaded to Sypro. GA noted that only 14 tiles are awaited to complete the works.</p> <p>GA advised that BMCL are still awaiting delivery of 14 floor tiles from Portugal. AF had mentioned that he is awaiting the PMI for the first 40 tiles. GF enquired if JS has a drawing of the locations of the replaced 40 tiles. GA noted that the replacement of the 40 tiles had been agreed directly with DL. It was noted that JS would have a survey drawing of the tiles – some were AC Flooring works and other were point load breaks. GW noted that the costs had been provided to DR a while ago.</p> <p>GA advised that BMCL are awaiting delivery of 14 tiles. BMCL are awaiting the PMI for the tile replacement which was carried out in preparation for the official opening.</p> <p>GA advised that JS had provided the tile replacement marked up drawing to SF.</p> <p>GA advised that the delivery of the 14 remaining tiles is still awaited.</p> <p>GA advised that tiles have now been delivered and confirmation of labour to install the teams is awaited.</p> <p>GA advised that the tiles were onsite ready for install</p>	<p>Item closed</p> <p>Cross ref</p> <p>CE 175</p>
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	<p>01/12/2015</p> <p>10/12/2015 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016</p> <p>05/05/2016</p>	<p>Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>LJ noted that information is with Designers and their design fee cost is awaited</p> <p>GA noted that LJ is awaiting Nightingale fee offer.</p> <p>LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>GF noted that authorisation to progress is awaited.</p> <p>It was noted that CE 165 has been issued. Item closed.</p> <p>GA advised that the drawings had been received and will be reviewed asap. Item closed.</p> <p>GA advised that BMCL had the Nightingale drawings but were awaiting the WW drawings. GF agreed to discuss this with SRussell.</p> <p>GF advised that he had passed the drawings to Anne Harkness however he needed the cost info</p>	<p>CE 165</p>







			<p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>05/05/2016</p>	<p>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</p> <p>GF advised that he would liaise with DR regarding the costs provided.</p> <p>GF advised that he would liaise with DWL regarding the way forward.</p> <p>GF advised that the works would be awarded soon and the NHS were in the process of finalising the internal budgets to allow the works to be awarded.</p>	
5339	PMI 462 -	Neurosurgery / Neurology Linkbridge	<p>10/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>05/05/2016</p> <p>19/05/2016</p>	<p>The Board are reviewing the potential options to resolve access restrictions beyond the Linkbridge between the Neurosurgery / Neurology buildings.</p> <p>Provide a quotation for the development of outline feasibility study and costs associated with the forming a new Linkbridge between the existing Neurosurgery stair core and the rooms on level 1 &amp; 2 to the east of the existing break through point within the Neurology building. Also include the statutory approval fees within quotation.</p> <p>LJ noted that BMCL are awaiting costs from Fairhurst and would upload asap thereafter.</p> <p>GA advised that the costs have been uploaded and BMJ had already carried out an initial feasibility study. GF agreed to review the costs and speak to DWL.</p> <p>GF agreed to review asap</p> <p>GF noted that these works may not be progressed through BMCL and he would confirm the way forward asap.</p> <p>GF confirmed that the NHS would not be progressing this item through BMCL and PMI to be closed.</p>	
5340	PMI 463	VIE 2 Medical Gas Alterations	<p>10/02/2016</p> <p>25/02/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>19/05/2016</p>	<p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p> <p>It was noted that the sequencing info is awaited.</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up.</p> <p>LJ advised that the quote received from Mercury had exclusions and another quote is being sought.</p> <p>LJ advised that the cost had been uploaded to Sypro for NHS review</p> <p>NHS to issue CE for this item</p>	<p>Cross ref BMCL EW 150</p>

5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016  21/04/2016  05/05/2016 19/05/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap.	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016 24/03/2016 21/04/2016  05/05/2016 19/05/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame. GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design GA advised that the design has now been received and the costs are being identified. An instruction to get the steel fabricated has been drafted for issue. AC flooring costs are awaited. BMCL will provide a programme for the works so the NHS can have an understanding of how long the room will be out of use so can schedule the works. LJ noted that the cost would be uploaded by 09/05/2016. GA advised that the works would be 3-4 weeks once commenced. GA noted that the costs had been uploaded to Sypro for NHS review.	
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016          10/03/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA	Cross ref PMI 475

			<p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p>	<p>requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB.</p> <p>GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month.</p> <p>GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options.</p> <p>GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016.</p> <p>GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell.</p>	
5564	PMI 474 -	Children's Play Park - Weed Suppression	<p>04/04/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p>	<p>Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic).</p> <p>GA advised that Land Eng have been requested to provide samples for review by the Board. GA noted that if a membrane is to be used then the planting would need to be removed so allow the membrane to be put in place and then replaced/replanted.</p> <p>GA advised that BMCL have spoken to Land Eng &amp; Gillespies and will provide proposals.</p> <p>GA advised that the options were to be forwarded to IP. GA noted that there were 2 options provided.</p> <p>GA advised that the bark was to be reinstated</p>	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	<p>04/04/2016</p>	<p>The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)</p>	
5575	PMI 476 -	Neurosurgery Overcladding Windows	<p>05/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p>	<p>The Board request that BMCL supply and fit Jaclocs to all new windows. Cross reference PMI 464.</p> <p>NHS to provide CE for costs</p> <p>NHS to provide CE for costs</p>	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	<p>22/04/2016</p> <p>19/05/2016</p>	<p>The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows;</p> <p>1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high)</p> <p>2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point.</p> <p>It was noted that the costs are awaited</p>	

5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016  19/05/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. <b>It was noted that the works are ongoing</b>	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016  05/05/2016 19/05/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed. GF confirmed that the larger screws should be used to fix the IPS Panels. <b>GA noted that the costs have been uploaded to Sypro for NHS review</b>	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
20250	CE 176 -	Alterations to Childrens Roof Gardens	29/04/2016	The Board confirm that BMCL should proceed with the alterations to the Children's Roof Garden as detailed in PMI 478 i.e. 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. Agreed maximum cost [REDACTED] inclusive of OH&P but ex VAT	26/05/2016
20655	CE 177 -	Office Block External Works	26/05/2016	The Board confirm acceptance of the quotation supplied for PMI 459 Office Block External Works and confirm that BMCL should proceed with the works as detailed in PMI 459.	26/05/2016
20656	CE 178 -	VIE 2 Medical Gas Alterations	26/05/2016	The Board confirm acceptance of the quotation provided for the works outlined in PMI 463 VIE 2 Medical Gas Alterations and confirm that BMCL should proceed with these works.  Cost agreed [REDACTED] inclusive of OH&P but exclusive of VAT	26/05/2016

20658	CE 179 -	Neurosurgery Overcladding Windows	26/05/2016	The Board confirm acceptance of the quotation provided to install jaclocs to all new windows. Cross reference PMI 464 and PMI 476.  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	26/05/2016
20660	CE 180 -	NCH Rehab department (REH049) - Vestibular Hook	26/05/2016	The Board confirms acceptance of the quotation for the supply and install of goalpost frame. Cross reference PMI 443 and PMI 470.  Cost agreed as [REDACTED]	26/05/2016

#### Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) **GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa



220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 15/06/2016

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.
			04/06/2015	FS advised that GB is liaising with Mercury
			11/06/2015	GB advised that this would be progressed once the works completed in the summer
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.
			24/03/2016	WIP
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however

			18/052016 02/06/2016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting <b>date for completion of the drawings.</b> <b>GA advised that DW is chasing up Mercury</b> GA advised that BMCL had employed an intern to progress the mark ups of the drawings in order not to delay the warrant application further.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****  All delays to be reviewed at the end of the programme  *****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015       24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week	

			<p>lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>12/11/2015 GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished</p>	
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			26/11/2015	at handover to BMCL. GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	
			11/02/2016	It was noted that a revised programme has been issued which updates on the works	
			25/02/2015	LJ advised that the costs should be with the NHS in the next few weeks.	
			10/03/2016	LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]	
			24/03/2016	GA advised that BMCL were preparing to settle the final account with Central Demolition and would	




28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p> <p><b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b></p>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016 05/05/2016 02/06/2016	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p> <p>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</p> <p>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14<sup>th</sup> April 2016.</p> <p>GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services.</p> <p>GF advised that AD is pursuing the removal of the fire damper panel.</p> <p><b>GA advised the a revised programme had been issued via Sypro and emailed out earlier that day. GW will look at the costs for delays and will liaise with DR. GF confirmed that the fire alarm panel works had been completed. GA advised that the water pipe which serves the radiator panel located behind the fixed seating is still live and requires to be isolated. GF agreed to progress.</b></p>	

29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016 02/06/2016	Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road. GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings GA requested that the NHS provide a PMI for changing the drawing(s). GA noted that PMcG had sent on the details to WS. BMCL would provide the cost for the redesign work. The cost information would be uploaded to PMI 449.	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016   02/06/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured. It was noted that GW and DR will review	
29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016  19/05/2016 02/06/2016	We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs. GA advised that it was hoped to slot in those missed wards into the gap in the programme GA advised that it was still the intention to slot in those missed zones into the gap. GF advised that he had discussed this with Jamie Munro and that once the programme for the works has been received GF would liaise with the Users.	
30164	BMCL – EWN - 178	Unchartered underground services within Phase 3A works	31/05/2016   02/06/2016	Land Engineering have discovered 3 No. potentially live, uncharted, electrical cables within the Central Park area whilst carrying out CAT scans prior to excavating the SUDS pond. The NHS were notified of these on 10th April and it was confirmed to them on 11th May that these were within either the SUDS pond excavation or the Orchard area and therefore need to be diverted/isolated. (The NHS and Burgoynes have both been out to see the cables but no other action has yet taken place).  These services are now having an impact on progress on site. It was noted that the NHS Estates Dept are trying to eliminate all possibilities prior to any switch off of the HV which was a last resort. It was suspected that any switch off would not be until the following week and would only be carried out after 5pm. GA advised that there was still concern that the process may not confirm if it is the same cable.	
30393	BMCL – EWN - 179	EWN- Existing screed to INS entrance, levels for floor finishes	15/06/2016	Existing screed within INS requires to be removed, this has been excluded within the cost plan for the INS and should be instructed.	



The following Early Warnings have been submitted to BMCL and are awaiting close out as at 16/06/2016

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015	Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.	
			23/4/2015	AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report	
			30/04/2015	FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.	
			07/05/2015	FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.	
			14/05/2015	FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.	
			21/05/2015	FS advised that work is ongoing – programme shows the work finishing by 12 <sup>th</sup> June 2015.	
			28/05/2015	FS noted that there are currently 2 operatives on site and that he would obtain an update asap.	
			04/06/2015	FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.	
			11/06/2015	FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.	
			25/06/2015	FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10 <sup>th</sup> June. The replacement panels for remediation were currently awaited.	
			23/07/2015	FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The works to the flashes would be carried out on 27/07/2015.	
				FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.	

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			30/07/2015	FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11 <sup>th</sup> and 4 <sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainbond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.	
			06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
			13/08/2015	GA advised hat the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
			27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
			17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
			24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
			01/010/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
			08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
			22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
			12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	
			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	


			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
			14/01/2016	GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.	
			28/01/2016	GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1 <sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.	
			11/02/2016	GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.	
			25/02/2016	GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.	
			10/03/2016	GA advised that the panel was expected to be delivered to the Structal factory w/c 14 <sup>th</sup> March and to the QEUH w/c 21 <sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.	
			24/03/2016	GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucobond) was awaited.	
			07/04/2016	GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.	
			21/04/2016	GA advised that Level 11 panel works to be carried out either 23 <sup>rd</sup> or 24 <sup>th</sup> . The alucobond panel works will be carried out when the NCH Roof Garden works are being undertaken.	
			05/05/2016	GA advised that the Structal panel was being delivered 06/05/2016 and would be fitted asap thereafter dependent on satisfactory weather conditions. GA enquired which ward had been affected by the fire incident and GF agreed to confirm.	
			19/05/2016	GA Advised that the works were scheduled to take place on 21/05/2016	
			02/06/2016	GA advised that the level 11 glazed unit has been replaced. Gaskets in 1 week Saturday and then fin to be fitted. GA noted that the Core G panel had also been fitted.	
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.	
			10/12/2015	Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a	

			<p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/06/2016</p>	<p>period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured. GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p> <p>GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.</p> <p>GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.</p> <p>GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.</p> <p>GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air permeability tests will not be carried out on isolation rooms.</p> <p>GA noted that a further circa 150 visicom units had been remediated leaving circa 100 still to do. GA noted that BMCL had been unable to progress the works to be undertaken in Critical Care by Iain Thomson. GF agreed to liaise with Lynn Pritchard.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.</p>	

			28/01/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.	
			11/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).	
			25/02/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.	
			10/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.	
			24/03/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
			07/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
			21/04/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.	
			05/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.	
			19/05/2016	GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.	
			02/06/2016	GA advised that Paul had sent through his proposal and is working to progress with Land Eng.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 01/06/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	

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			<p>10/12/2015 PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.</p> <p>14/01/2016 GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off</p> <p>28/01/2016 GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.</p> <p>11/02/2016 GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.</p> <p>25/02/2016 GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblines could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.</p> <p>10/03/2016 HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblines at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.</p> <p>24/03/2016 GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblines to be finalised asap.</p> <p>07/04/2016 HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.</p> <p>05/05/2016 HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.</p>	
5060	PMI 454	QEUH IMMEDIATE ASSESSMENT UNIT - ROOMS AAW 172 7 178	<p>01/12/2015 Please test the feasibility of carrying out the works to convert Room AAW-172 into a trolley waiting area and convert Room AAW-178 into a relatives waiting area. Other options that provide the same basic space but are less disruptive from a works point of view maybe considered.</p> <p>Based on the narrative above, please consider the feasibility of the proposal to provide a 3 @ trolley space in what was AAW 172 including the framing up of the single access door, the formation of a large aperture to AAW-175 with dropped bulkhead to avoid works to plasterboard ceiling in AAW-175. Remove benching but leave trunking on wall, provide cubicle curtain tracks as shown. Check feasibility of re-routing fire wall as indicated. In room AAW-178 open end wall to AAW-177, frame up single door, leave glazed window, remove dado trunking and isolate services. Provide TV point. Please provide feasibility report as soon as possible.</p> <p>10/12/2015 LJ noted that information is with Designers and their design fee cost is awaited</p>	CE 165



			<p>14/01/2016 GA noted that LJ is awaiting Nightingale fee offer.</p> <p>28/01/2016 LJ advised that the quotation had been uploaded to Sypro for NHS review</p> <p>11/02/2016 GF noted that authorisation to progress is awaited.</p> <p>25/02/2016 It was noted that CE 165 has been issued. Item closed.</p> <p>10/03/2016 GA advised that the drawings had been received and will be reviewed asap. Item closed.</p> <p>24/03/2016 GA advised that BMCL had the Nightingale drawings but were awaiting the WW drawings. GF agreed to discuss this with SRussell.</p> <p>05/05/2016 GF advised that he had passed the drawings to Anne Harkness however he needed the cost info so that he could provide this to SRussell and also the M&amp;E info. GA noted that DW had gone back to WWhittle on a couple of points and once response from WWhittle has been obtained the final M&amp;E drawings would be provided asap. NHS to confirm if medical gases are required. GA advised that in anticipation of carrying out the works that he had requested the HAI Scribe to be prepared. It was noted that the drawings had been issued for to Anne Harkness for comment.</p> <p>19/05/2016 GA noted that feedback is awaited regarding the options provided by BMCL i.e. is medical gas required on the medical trunking. GF agreed to liaise with SR and provide feedback.</p> <p>02/06/2016</p>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	<p>02/12/2015 Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.</p> <p>10/12/2015 It was noted that this info is with Workspace Design for them to provide a quote.</p> <p>14/01/2016 GA noted that LJ has received costs and will upload to Sypro by close of business that day.</p> <p>28/01/2016 LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.</p> <p>11/02/2016 GF noted that he would liaise with PM</p> <p>25/02/2016 GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.</p> <p>10/03/2016 GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	CE to be issued



5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>05/05/2016</p> <p>02/06/2016</p>	<p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <ol style="list-style-type: none"> <li>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</li> <li>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</li> <li>3) Extension of Tobermore paving from OB to Langlands Drive</li> <li>4) Access path across grasscrete to CP2 staircore.</li> <li>5) Construction of grassed strips between office block and CMB/Carpark</li> </ol> <p>GA noted that LJ is awaiting costs from LE</p> <p>LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</p> <p>GF advised that he would liaise with DR regarding the costs provided.</p> <p>GF advised that he would liaise with DWL regarding the way forward.</p> <p>GF advised that the works would be awarded soon and the NHS were in the process of finalising the internal budgets to allow the works to be awarded.</p> <p>It was noted that CE 177 had been issued. GA noted that the programme will hinge on MSCP3 works and consideration needs to be given to Laing O'Rourke access to there site set-up. HMc advised that the completion date for the MSCP3 is 14<sup>th</sup> July 2016. GA suggested that the works could be commenced 1<sup>st</sup> week August 2016.</p>	Cross reference CE 177
5340	PMI 463	VIE 2 Medical Gas Alterations	<p>10/02/2016</p> <p>25/02/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>19/05/2016</p> <p>02/06/2016</p>	<p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p> <p>It was noted that the sequencing info is awaited.</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up.</p> <p>LJ advised that the quote received from Mercury had exclusions and another quote is being sought.</p> <p>LJ advised that the cost had been uploaded to Sypro for NHS review</p> <p>NHS to issue CE for this item</p> <p>It was noted that CE 178 had been issued. GA advised that he would pursue Mercury to progress this item and GA would provide a date for Air Products coming to site.</p>	Cross ref BMCL EW 150

5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016  21/04/2016  05/05/2016 19/05/2016 02/06/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap. Gf advised that he understood a review of the costs were ongoing by RG and LJ	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016 24/03/2016 21/04/2016  05/05/2016  19/05/2016 02/06/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame. GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design GA advised that the design has now been received and the costs are being identified. An instruction to get the steel fabricated has been drafted for issue. AC flooring costs are awaited. BMCL will provide a programme for the works so the NHS can have an understanding of how long the room will be out of use so can schedule the works. LJ noted that the cost would be uploaded by 09/05/2016. GA advised that the works would be 3-4 weeks once commenced. GA noted that the costs had been uploaded to Sypro for NHS review. It was noted that CE 180 had been issued.	Cross ref CE 180
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016          10/03/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec	Cross ref PMI 475

			<p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>02/06/2016</p>	<p>provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB.</p> <p>GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month.</p> <p>GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options.</p> <p>GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016.</p> <p>GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell.</p> <p>GA advised that the air handling unit supplier for Mercury are working on an alternate solution as previous proposal does now not comply with new EU legislation.</p>	
5564	PMI 474 -	Children's Play Park - Weed Suppression	<p>04/04/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/6/2016</p>	<p>Further to PMI 473 (Children's Play Park - Weed Suppression) the Board request a cost to substitute the bark mulch which has now been omitted for a layer of anti weed membrane layered on all bare soil areas with a synthetic chip material (soft plastic).</p> <p>GA advised that Land Eng have been requested to provide samples for review by the Board. GA noted that if a membrane is to be used then the planting would need to be removed so allow the membrane to be put in place and then replaced/replanted.</p> <p>GA advised that BMCL have spoken to Land Eng &amp; Gillespies and will provide proposals.</p> <p>GA advised that the options were to be forwarded to IP. GA noted that there were 2 options provided.</p> <p>GA advised that the bark was to be reinstated</p> <p>GA advised that the bark was now all in place. It was agreed this item could be closed.</p>	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	<p>04/04/2016</p>	<p>The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)</p>	
5575	PMI 476 -	Neurosurgery Overcladding Windows	<p>05/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>02/06/2016</p>	<p>The Board request that BMCL supply and fit Jaclocs to all new windows. Cross reference PMI 464.</p> <p>NHS to provide CE for costs</p> <p>NHS to provide CE for costs</p> <p>It was noted that CE 179 had been issued. It was agreed this item could be closed.</p>	

5645	PMI 477 -	Ground Level Childrens Play Park Fence	22/04/2016  19/05/2016 02/06/2016	<p>The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows;</p> <p>1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high)</p> <p>2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point.</p> <p>It was noted that the costs are awaited</p> <p>GA advised that the costs had been uploaded to Sypro for review/agreement. GA noted that he had instructed the works as e knew that the NHS are keen to progress. GA advised that the actual materials are off the shelf however install would depend on getting a slot with the powder coaters.</p>	
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016  19/05/2016 02/06/2016	<p>In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden</p> <p>1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail)</p> <p>2) Remove wire trellis and eye bolts as indicated on sketch.</p> <p>3) Remove 2No. mounds and replace with astro turf to same level as surrounding.</p> <p>4) Remove planters and replace with astro turf to same level as surrounding.</p> <p>Works to be complete on or before 1st June.</p> <p>It was noted that the works are ongoing</p> <p>GA advised that the works were substantially complete. GF noted that he would be reviewing the lock/latch covers with PMcG later that day.</p>	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016  05/05/2016 19/05/2016 02/06/2016	<p>The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.</p> <p>GF confirmed that the larger screws should be used to fix the IPS Panels.</p> <p>GA noted that the costs have been uploaded to Sypro for NHS review</p> <p>GF acknowledged receiving the costs and advised that he would need to discuss the costs with DLoudon as DL was of the view that this matter is a defect.</p>	
5896	PMI 478 -	Uplift Existing Floor Screed within the Existing Entrance Area	15/06/2016	<p>In accordance with Clause 61.1 proceed with the uplift of the existing screed within the Entrance Area of the Neurosurgery Building.</p> <p>Refer to attached marked up sketch for locations</p>	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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**Other items that require discussion:**

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016) **G noted that meetings are ongoing and that there is a meeting scheduled to take place on 8<sup>th</sup> June 2016. (02/06/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016) **Over 800 remedials done as of Monday. GA requested that the NHS provide a PMI for the placement of the instruction stickers at the visicom units and GF agreed to provide. (30/05/2016)**

- Labs Block – solar shading fin – GF noted that a solar shading fin had been shattered during previous replacement and enquired when BMCL proposed to replace the fin. GA advised that he was not aware of this defect. (02/06/2016)

**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 29/06/2016

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however	

			18/052016 02/06/2016  16/06/2016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting <b>date for completion of the drawings</b> . GA advised that DW is chasing up Mercury GA advised that BMCL had employed an intern to progress the mark ups of the drawings in order not to delay the warrant application further. <b>DW advised that the Intern was progressing the mark-up of the drawings. Levels 0 and 1 were being marked up and issued to Building Control along with the test certification. It would take a long time to do all the floors.</b>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that	

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				<p>BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p>	
		01/10/2015		<p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
		08/10/2015		<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
		22/10/2015		<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p>	
		12/11/2015		<p>GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that</p>	

			<p>day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>26/11/2015 GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p> <p>10/12/2015 GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>14/01/2016 GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p> <p>28/01/2016 GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p> <p>11/02/2016 It was noted that a revised programme has been issued which updates on the works</p> <p>25/02/2016 LJ advised that the costs should be with the NHS in the next few weeks.</p>	
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			11/02/2016	Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016 14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . <b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016 21/04/2016  05/05/2016 02/06/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible. GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc. GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14 <sup>th</sup> April 2016. GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services. GF advised that AD is pursuing the removal of the fire damper panel. <b>GA advised the a revised programme had been issued via Sypro and emailed out earlier that day. GW will look at the costs for delays and will liaise with DR. GF confirmed that the fire alarm panel works had been completed. GA advised that the water pipe which serves the radiator panel located behind the fixed seating is still live and requires to be isolated. GF agreed to progress.</b>	

29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016 02/06/2016	<p>Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road.</p> <p>GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings</p> <p>GA requested that the NHS provide a PMI for changing the drawing(s).</p> <p>GA noted that PMcG had sent on the details to WS. BMCL would provide the cost for the redesign work. The cost information would be uploaded to PMI 449.</p>	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016   02/06/2016	<p>Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured.</p> <p>It was noted that GW and DR will review</p>	
29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016  19/05/2016 02/06/2016  18/06/2016	<p>We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs.</p> <p>GA advised that it was hoped to slot in those missed wards into the gap in the programme</p> <p>GA advised that it was still the intention to slot in those missed zones into the gap. GF advised that he had discussed this with Jamie Munro and that once the programme for the works has been received GF would liaise with the Users.</p> <p>GF advised that he had discussed with JMunro and a way forward had been agreed. GF would liaise with SWalker and seek approval for the proposed decants.</p>	
30164	BMCL – EWN - 178	Unchartered underground services within Phase 3A works	31/05/2016   02/06/2016  18/06/2016	<p>Land Engineering have discovered 3 No. potentially live, uncharted, electrical cables within the Central Park area whilst carrying out CAT scans prior to excavating the SUDS pond.</p> <p>The NHS were notified of these on 10th April and it was confirmed to them on 11th May that these were within either the SUDS pond excavation or the Orchard area and therefore need to be diverted/isolated. (The NHS and Burgoyne have both been out to see the cables but no other action has yet taken place).</p> <p>These services are now having an impact on progress on site.</p> <p>It was noted that the NHS Estates Dept are trying to eliminate all possibilities prior to any switch off of the HV which was a last resort. It was suspected that any switch off would not be until the following week and would only be carried out after 5pm. GA advised that there was still concern that the process may not confirm if it is the same cable.</p> <p>GF advised that the cable would be spiked on 23/06/2016. HM advised that the cable had been tracked back to the sub-station and was found to be severed and that the readings being obtained are from induction. HMc would provide confirmation of the cable being dead to BMCL on 23/06/2016.</p>	



30393	BMCL – EWN - 179	EWN- Existing screed to INS entrance, levels for floor finishes	15/06/2016 18/06/2016	Existing screed within INS requires to be removed, this has been excluded within the cost plan for the INS and should be instructed. GF noted that the PMI had been provided – Cross reference PMI 481. GW advised that as the building was occupied that the cost had been based on approx levels.	
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The following Early Warnings have been submitted to BMCL and are awaiting close out as at 16/06/2016

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
24641	NHS EW 057	ADULT HOSPITAL STRUCTAL SYSTEM	02/04/2015 23/4/2015 30/04/2015 07/05/2015 14/05/2015 21/05/2015 28/05/2015 04/06/2015 11/06/2015 25/06/2015 23/07/2015	<p>Please undertake a comprehensive survey and prepare a report for Board review on the panel failure that occurred on 1st April 2015. A metal outer panel is reported to have become dislodged from its carrier and fell to roof Level 4. The Board also wish to establish the safety measure being taken by BMCE while the cause is being established.</p> <p>AF advised that the install had been surveyed and the screw fixings would be replaced. The works would take 2-3 weeks to complete. BMCL would provide a programme for the works. DL advised that the NHS would need to understand the programme to ensure that the works do not cause any privacy issues for patients. DL requested that he be provided with a copy of the incident report</p> <p>FS advised that an updated incident report was awaited and that he would obtain a copy of the report and provide it to DL.</p> <p>FS noted that additional fixings are being put in so he had been advised that the works would take longer however there had been an additional team put on to carry out the works - it was suggested that it would take 3-4 weeks to complete the works.</p> <p>FS acknowledging that he had received the final survey and programme and would forward to PM asap – the programme indicates the works finishing in 3 weeks.</p> <p>FS advised that work is ongoing – programme shows the work finishing by 12<sup>th</sup> June 2015.</p> <p>FS noted that there are currently 2 operatives on site and that he would obtain an update asap.</p> <p>FS noted the following update from the contractor: all the hitch plates had been fitted so the rainobond panels will not come off the building. It takes 1 day to drop down elevation and there are 38 drops needed therefore potentially 38 days worth of work however this is dependent on the weather. FS advised that he had delivery dates for the replacement glass. FWS would provide a copy of the survey report. PM advised that operatives needed to be mindful when doing the glass works at the wards.</p> <p>FS advised that he had provided a copy of the report however had received a further update the previous evening and he would provide this update to PM asap. 2 glass panels had been broken however Sheila had previously requested that a couple of spare curved panels be made in case of breakage and the panels are back in fabrication.</p> <p>FS advised that the operatives were currently on site. The east side had been finished and the operatives were 50% complete on the west elevation. It was being suggested that the operatives would be finished by 10<sup>th</sup> June. The replacement panels for remediation were currently awaited.</p> <p>FS advised that all the rainobond panels had been fixed. The 2 replacement panels were en-route to site and a further 2 replacement panels were to be delivered and the delivery detail of these was awaited. The</p>	18/06/2016

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			works to the flashes would be carried out on 27/07/2015.	
		30/07/2015	<p>FS noted that the issue re the blinds was thought to be due to people pulling the wand to try and lift the blind which doesn't actually lift in anycase. It is thought that after someone has broken the wand then they can get access to the loop at the head. PM suggested that signage re the operation of the blinds may need to be installed and saying not to pull the wand.</p> <p>FS advised that he had met on 28/07/2015 with the Structal. There are 2no. units (11<sup>th</sup> and 4<sup>th</sup> floor) to be fitted w/c 03/08/2015. The curved spandrel for zone F will be 28/08/2015. The rainobond remedials have been completed and written confirmation of this is awaited. The sills for level 12 are scheduled to be delivered on 30/07/2015. The level 4 sills are WIP. A couple of the units need to have the condensation removed from the panels – discussions ongoing to arrange access. FS reported that the blinds are getting misused and he had been advised that Structal were requested not to put on stickers – a copy of this instruction is awaited. BMCL had reviewed 5F and 30% have broken wands. IP reps have carried out a survey and BMCL request confirmation as to what BMCL should do with the survey outcome. PM requested that a copy of the survey information be provided so that he could review and discuss with DL re paying for repairs now and getting signage installed.</p>	
		06/08/2015	PM noted that there had been a site visit to look at blinds. It was clear that there is an issue and it is proposed to install signage at the ingo where the blind wand rests. The NHS are looking for a price to get the blinds fixed.	
		13/08/2015	GA advised that the outstanding flashes and condensation matters would be complete by w/e21/08/2015. The panel replacement would be complete by end of August as previously advised. BMCL are struggling to get a price back for the wand/blind repairs due to reps being on annual leave.	
		27/08/2015	GA advised that the outstanding panel is due w/c 31/08/2015 and it would be 1week/10 days to complete the works. Costs for the blind remedial works are awaited.	
		17/09/2015	GA advised that a meeting with Structal had been scheduled to take place the following day. Structal had failed to meet the 28 <sup>th</sup> August completion date and this had been escalated to AFernie. A meeting had been organised to discuss logistics, exclusion zones, etc – GA would provide feedback to PM on Friday.	
		24/09/2015	GA advised that BMCL are still awaiting confirmation for the panel delivery and a price for sorting the blinds. Structal have failed to meet all dates so far. GA had escalated the matter to A Fernie.	
		01/10/2015	GA advised that the outstanding panels are in the country and BMCL are awaiting confirmation of when they will be delivered from Wishaw. GA had liaised with PM and that the works would take place over a few weekends.	
		08/10/2015	GA advised that the panels are due to be delivered to site the next day (09/10/2015) with the exception of the curved panels. The panels would be fitted over the next few weekends. Jordan would tie-in with the NHS Estates to arrange. The panels will be fitted from a cradle off the roof. GF noted that Jordan should also liaise with RClinton.	
		22/10/2015	PM noted that it is work in progress re Structal panel replacement. AF has agreed to get some NHS reps trained up so that there are NHS reps who can fix blinds.	
		12/11/2015	GA advised that all non –curved panels are on site for installation and the works to the BMU were complete. The install of the panels was hoped to commence on 14/11/2015 however this was dependent of the weather conditions. BMCL are awaiting confirmation from Structal regarding the delivery of the curved panel. PM noted that he had noticed that a fin has come off and GA advised that this is currently sitting on the roof. PM enquired about the fin lighting and DW advised that BMCL would need to train up some reps to undertake the works.	

			26/11/2015	GA advised that the works were substantially complete. The fin on the south east corner had been fitted back on. 2 panels had been installed. The internal works (removal of condensation) was scheduled to take place the following day (27/11/2015). The curved panel was also scheduled to be fitted the following day however this work was weather dependant. PM noted that there was a panel missing at Core G – users had advised that the panel had never been fitted. PM advised that you could see where the panel is missing from the roof garden.	
			10/12/2015	GA advised that the panels were on site and BMCL were awaiting suitable weather conditions so that the panels could be installed. PM agreed that BMCL should wait for suitable weather conditions – better to do it safely rather than hurried. GA noted that Mercury were doing the fin lighting.	
			14/01/2016	GA noted that Structal were scheduled to commence the replacement panel work (level 11 cracked panel and curved panel) on 16/01/2016.	
			28/01/2016	GA advised that the curved panel had now been installed. The cracked panel on level 11 had not been replaced due to the weather conditions changing. GA was meeting with Structal on 1 <sup>st</sup> Feb 2016. GA noted that it was only the cracked panel and some mastic works to be completed. GA noted that the fin lighting is WIP and that JMiller had sent a traffic plan to the NHS for approval.	
			11/02/2016	GA advised that 2 items were remaining to complete the works: The level 11 cracked panel replacement- A replacement structal panel is on order and mastic works.	
			25/02/2016	GA advised that delivery of the level 11 panel is awaited. The delivery date for the Alucobond panel for level 4 core G is also awaited.	
			10/03/2016	GA advised that the panel was expected to be delivered to the Structal factory w/c 14 <sup>th</sup> March and to the QEUH w/c 21 <sup>st</sup> March. Thereafter the panel would be installed as soon as weather permits.	
			24/03/2016	GA advised that the delivery date for the remaining 2 panels (1 glass unit and 1 alucubond) was awaited.	
			07/04/2016	GA noted that he was not satisfied with the delay in getting the panels delivered to site and the matter has been escalated.	
			21/04/2016	GA advised that Level 11 panel works to be carried out either 23 <sup>rd</sup> or 24 <sup>th</sup> . The alucobond panel works will be carried out when the NCH Roof Garden works are being undertaken.	
			05/05/2016	GA advised that the Structal panel was being delivered 06/05/2016 and would be fitted asap thereafter dependent on satisfactory weather conditions. GA enquired which ward had been affected by the fire incident and GF agreed to confirm.	
			19/05/2016	GA Advised that the works were scheduled to take place on 21/05/2016	
			02/06/2016	GA advised that the level 11 glazed unit has been replaced. Gaskets in 1 week Saturday and then fin to be fitted. GA noted that the Core G panel had also been ifitted.	
			16/06/2016	It was agreed that this EW could be closed .	


27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.	
				Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.	

			10/12/2015	GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.	
			28/01/2016	GA advised that WIP to level 8. Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.	
			11/02/2016	GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward. GA noted that the encapsulated door sample was to be offered to the NHS for review.	
			25/02/2016	GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.	
			10/03/2016	GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.	
			24/03/2016	GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised	
			07/04/2016	GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.	
			21/04/2016	GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.	
			05/05/2016	GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.	
			19/05/2016	GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air permeability tests will not be carried out on isolation rooms.	
			02/06/2016	GA noted that a further circa 150 visicom units had been remediated leaving circa 100 still to do. GA noted that BMCL had been unable to progress the works to be undertaken in Critical Care by Iain Thomson. GF agreed to liaise with Lynn Pritchard.	
			16/06/2016	FS advised that the remedial works were 95% complete with access to critical care being an issue. Infection control are asking for the rooms to be retested – subsequently discussed with Ian Powrie who confirmed that as not a refurb retesting would not be requested. It was noted that a visual inspection of the	

				works could be viewed once completed. GF agreed to liaise with LPritchard. GW advised that the Administrator has requested proof that this is a defect and suggested that it would be beneficial not to repair one so that a rep can be brought to site to review. GF advised that he would email GW to state that this is a fully operational hospital and the product is defective.	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an lpad lux level app had been utilised.</p> <p>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</p> <p>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).</p> <p>GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.</p> <p>GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.</p> <p>GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.</p> <p>GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.</p> <p>GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.</p> <p>GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.</p> <p>GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.</p> <p>GA advised that Paul had sent through his proposal and is working to progress with Land Eng.</p> <p>DW advised that the drawing had been issues to Mercury and Land Eng for pricing. LJ agreed to pursue the costing info.</p>	

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 29/06/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	
			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.	
			24/03/2016	GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblin to be finalised asap.	

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			07/04/2016 05/05/2016  18/06/2016	<p>HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.</p> <p>HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.</p> <p>GW noted that a saving had been provided as per PMI and NHS have then gone back to the contract. WSP have provided their design costs. GW suggested that the PMI be closed and reissued.</p>	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015       10/12/2015 14/01/2016 28/01/2016  11/02/2016 25/02/2016  10/03/2016	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote. GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room. GF noted that he would liaise with PM GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed. GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</p>	CE to be issued



5144	PMI 459 -	Office Block External Works	<p>21/12/2015</p> <p>The boulevard has been partially developed by BAM Construction through the OB &amp; TLF projects. Remainder of works to be carried out post completion of CP2 Extension</p> <p>Provide a quotation to include the following;</p> <p>1) Savings achieved from omitting the current Contract Sum allowance for the external works within the boulevard.</p> <p>2) Installing grasscrete fire access route between the East Campus access points and Langlands Drive</p> <p>3) Extension of Tobermore paving from OB to Langlands Drive</p> <p>4) Access path across grasscrete to CP2 staircore.</p> <p>5) Construction of grassed strips between office block and CMB/Carpark</p> <p>14/01/2016</p> <p>GA noted that LJ is awaiting costs from LE</p> <p>28/01/2016</p> <p>LJ advised that the quote had been uploaded earlier that day. Pack of info was provided to GF from GW.</p> <p>11/02/2016</p> <p>It was noted that the cost had been submitted and was with Currie &amp; Brown for review. GF agreed to chase this up.</p> <p>25/02/2016</p> <p>It was noted that the costs for this had been uploaded to Sypro on 28/01 for NHS review.</p> <p>10/03/2016</p> <p>GF advised that he would liaise with DR regarding the costs provided.</p> <p>24/03/2016</p> <p>GF advised that he would liaise with DWL regarding the way forward.</p> <p>05/05/2016</p> <p>GF advised that the works would be awarded soon and the NHS were in the process of finalising the internal budgets to allow the works to be awarded.</p> <p>02/06/2016</p> <p>It was noted that CE 177 had been issued. GA noted that the programme will hinge on MSCP3 works and consideration needs to be given to Laing O'Rourke access to there site set-up. HMc advised that the completion date for the MSCP3 is 14<sup>th</sup> July 2016. GA suggested that the works could be commenced 1<sup>st</sup> week August 2016.</p> <p>16/06/2016</p> <p>It was agreed this PMI could be closed.</p>	Cross reference CE 177
5340	PMI 463	VIE 2 Medical Gas Alterations	<p>10/02/2016</p> <p>Alterations to Medical Gas system to allow construction of the VIE 2 Slab Base</p> <p>Provide quotation to carry out alteration to medical gas network adjacent to the proposed VIE 2 Slab Base.</p> <p>Refer to Hulley Kirkwood Schematic Drawings and outline works sequence document.</p> <p>25/02/2016</p> <p>It was noted that the sequencing info is awaited.</p> <p>24/03/2016</p> <p>GA advised that the revised sequencing drawings had been received by BMCL and subsequently forwarded to Mercury to cost up.</p> <p>07/04/2016</p> <p>LJ advised that the quote received from Mercury had exclusions and another quote is being sought.</p> <p>21/04/2016</p> <p>LJ advised that the cost had been uploaded to Sypro for NHS review</p> <p>19/05/2016</p> <p>NHS to issue CE for this item</p> <p>02/06/2016</p> <p>It was noted that CE 178 had been issued. GA advised that he would pursue Mercury to progress this item and GA would provide a date for Air Products coming to site.</p> <p>16/06/2016</p> <p>It was agreed this PMI could be closed.</p>	Cross ref BMCL EW 150

5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016  21/04/2016  05/05/2016 19/05/2016 02/06/2016 16/06/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap. Gf advised that he understood a review of the costs were ongoing by RG and LJ <b>GF to check with RG that costs are acceptable and then provide CE.</b>	
5445	PMI 470	NCH Rehab department (REH049) - Vestibular Hook	07/03/2016  10/03/2016 24/03/2016 21/04/2016  05/05/2016  19/05/2016 02/06/2016 16/06/2016	The Board request that BMCL provide the cost for the supply and install of goalpost frame subject to completion of ongoing design. Cross reference PMI 443 for further details. The Board confirm that PMI 443 will now only relate to the design works associated with the goal post frame. GA noted that WSP are progressing the design. GA advised that BMCL are pursuing WSP for a design GA advised that the design has now been received and the costs are being identified. An instruction to get the steel fabricated has been drafted for issue. AC flooring costs are awaited. BMCL will provide a programme for the works so the NHS can have an understanding of how long the room will be out of use so can schedule the works. LJ noted that the cost would be uploaded by 09/05/2016. GA advised that the works would be 3-4 weeks once commenced. GA noted that the costs had been uploaded to Sypro for NHS review. It was noted that CE 180 had been issued. <b>It was agreed this PMI could be closed.</b>	Cross ref CE 180
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance.	Cross ref PMI 475

			<p>Exit door (beside room 76) to be sealed and only used as fire exit.</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p>	<p>BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB.</p> <p>GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month.</p> <p>GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options.</p> <p>GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016.</p> <p>GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell.</p> <p>GA advised that the air handling unit supplier for Mercury are working on an alternate solution as previous proposal does now not comply with new EU legislation.</p> <p>DW advised that BMCL are awaiting the costing from the AHU manufacturer and Mercury are chasing the cost info. Mercury propose to check with another supplier. DW noted that there was a query regarding warranty – if change the AHU then may lose the Barkel warranty however there was only a short warranty period now left. GW requested a CE for the design fees and then for the PMI to be closed.</p>	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016	<p>The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)</p>	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	<p>22/04/2016</p> <p>19/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p>	<p>The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows;</p> <p>1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high)</p> <p>2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point.</p> <p>It was noted that the costs are awaited</p> <p>GA advised that the costs had been uploaded to Sypro for review/agreement. GA noted that he had instructed the works as e knew that the NHS are keen to progress. GA advised that the actual materials are off the shelf however install would depend on getting a slot with the powder coaters.</p> <p>GW noted that the cost had been uploaded and requested the CE for the works.</p>	

5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016      19/05/2016 02/06/2016  16/06/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. It was noted that the works are ongoing GA advised that the works were substantially complete. GF noted that he would be reviewing the lock/latch covers with PMcG later that day. <b>It was noted that the CE for this item had been issued and subsequently accepted therefore this item could be closed.</b>	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016   05/05/2016 19/05/2016 02/06/2016  16/06/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed. GF confirmed that the larger screws should be used to fix the IPS Panels. GA noted that the costs have been uploaded to Sypro for NHS review GF acknowledged receiving the costs and advised that he would need to discuss the costs with DLoudon as DL was of the view that this matter is a defect. GW requested a CE for the works.	
5951	PMI 480	Alterations to QEUH Acute Assessment Ward	24/06/2016	The Board requests that Brookfield provide a cost for alterations within the QEUH Acute Assessment Ward as detailed on the attached sketch.	
5952	PMI 481 -	Uplift Existing Floor Screed within the Existing Entrance Area	15/06/2016	In accordance with Clause 61.1 proceed with the uplift of the existing screed within the Entrance Area of the Neurosurgery Building. Refer to attached marked up sketch for locations	

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
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**Other items that require discussion:**

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016) G noted that meetings are ongoing and that there is a meeting scheduled to take place on 8<sup>th</sup> June 2016. (02/06/2016) **DW suggested that this note should be concluded the following week – action is currently on DBratney. (16/06/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016) Over 800 remedials done as of Monday. GA requested that the NHS provide a PMI for the placement of the instruction stickers at the visicom units and GF agreed to provide. (30/05/2016) **It was agreed this item could be closed subject to the issue of the PMI for the placement of the stickers. The stickers were being fixed as the blinds are repaired. (16/06/2016)**



- Labs Block – solar shading fin – GF noted that a solar shading fin had been shattered during previous replacement and enquired when BMCL proposed to replace the fin. GA advised that he was not aware of this defect. (02/06/2016)
- Car park 4 – completion date 24<sup>th</sup> June – it was noted that PMcG had advised that BW/Planning permission has not been granted and this needs to be confirmed to the NHS asap so that an internal decision can be taken. (16/06/2016)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 11/07/2016

<div>   </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however	

			18/052016 02/06/2016  16/06/2016  30/06/2016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting <b>date for completion of the drawings</b> . GA advised that DW is chasing up Mercury GA advised that BMCL had employed an intern to progress the mark ups of the drawings in order not to delay the warrant application further. DW advised that the Intern was progressing the mark-up of the drawings. Levels 0 and 1 were being marked up and issued to Building Control along with the test certification. It would take a long time to do all the floors. FS advised that the mark up of the drawings had been completed and the application was wip.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they	

			<p>will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant</p>	
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			12/11/2015	to be applied for. GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16 <sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient & therapies building would be demolished at handover to BMCL.	
			26/11/2015	GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	

			<p>11/02/2016 25/02/2015 10/03/2016</p> <p>24/03/2016</p> <p>21/04/2016 05/05/2016 18/05/2016</p> <p>16/06/2016</p>	<p>It was noted that a revised programme has been issued which updates on the works LJ advised that the costs should be with the NHS in the next few weeks.</p> <p>LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]</p> <p>GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.</p> <p>LJ advised that awaiting final account discussion with GW so can build up the other costs.</p> <p>LJ advised that GW is working on the costs for discussion with C&amp;B.</p> <p>GA noted that LJ was awaiting information from GWallace and suggested that the costs would be issued by cop 20/05/2016</p> <p>GW noted that BMCL are pulling together all the phase 3A delays. GA advised DR has stated that the INS delays should be left to the end so the actual finish date is known. GA suggested that some of the items should be closed out and combined into 1 single EW.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p>	<p>Item to remain on tracker until demolition works complete.</p>


			14/01/2016 28/01/2016  11/02/2016	GA noted that BMCL had completed their investigative works and surveys. GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . <b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016 21/04/2016 05/05/2016 02/06/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible. GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc. GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14 <sup>th</sup> April 2016. GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services. GF advised that AD is pursuing the removal of the fire damper panel. GA advised the a revised programme had been issued via Sypro and emailed out earlier that day. GW will look at the costs for delays and will liaise with DR. GF confirmed that the fire alarm panel works had been	

			30/06/2016	completed. GA advised that the water pipe which serves the radiator panel located behind the fixed seating is still live and requires to be isolated. GF agreed to progress. FS advised that BMCL require acceptance of the submitted programme as per NEC3 contractual arrangements.	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016 02/06/2016  30/06/2016	Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road. GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings GA requested that the NHS provide a PMI for changing the drawing(s). GA noted that PMcG had sent on the details to WS. BMCL would provide the cost for the redesign work. The cost information would be uploaded to PMI 449. LJ advised that BMCL were awaiting a new PMI as it was not possible for BMCL to revert back to the contract drawings because of the new CP. The road layout would need to be reviewed/designed by WSP. FS tabled a drawing and raised queries. It was agreed that the group would carry out a walk round of the blue light route at the end of the meeting. New PMI to be provided to BMCL on basis of discussions of walkround.	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016  02/06/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured. It was noted that GW and DR will review	
29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016  19/05/2016 02/06/2016  16/06/2016  30/06/2016	We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs. GA advised that it was hoped to slot in those missed wards into the gap in the programme GA advised that it was still the intention to slot in those missed zones into the gap. GF advised that he had discussed this with Jamie Munro and that once the programme for the works has been received GF would liaise with the Users. GF advised that he had discussed with JMunro and a way forward had been agreed. GF would liaise with SWalker and seek approval for the proposed decants. It was agreed that this item could be closed.	
30164	BMCL – EWN - 178	Uncharted underground services within Phase 3A works	31/05/2016  02/06/2016	Land Engineering have discovered 3 No. potentially live, uncharted, electrical cables within the Central Park area whilst carrying out CAT scans prior to excavating the SUDS pond. The NHS were notified of these on 10th April and it was confirmed to them on 11th May that these were within either the SUDS pond excavation or the Orchard area and therefore need to be diverted/isolated. (The NHS and Burgoyne have both been out to see the cables but no other action has yet taken place).  These services are now having an impact on progress on site. It was noted that the NHS Estates Dept are trying to eliminate all possibilities prior to any switch off of the HV which was a last resort. It was suspected that any switch off would not be until the following week and would only be carried out after 5pm. GA advised that there was still concern that the process may not confirm if it is the same cable.	



			18/06/2016	GF advised that the cable would be spiked on 23/06/2016. HM advised that the cable had been tracked back to the sub-station and was found to be severed and that the readings being obtained are from induction. HMc would provide confirmation of the cable being dead to BMCL on 23/06/2016.	
			30/06/2016	It was agreed that this item could be closed. The cable had been spiked and confirmed as dead.	
30393	BMCL – EWN - 179	EWN- Existing screed to INS entrance, levels for floor finishes	15/06/2016 18/06/2016	Existing screed within INS requires to be removed, this has been excluded within the cost plan for the INS and should be instructed. GF noted that the PMI had been provided – Cross reference PMI 481. GW advised that as the building was occupied that the cost had been based on approx levels.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 11/07/2016

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015  10/12/2015  14/01/2016  28/01/2016  11/02/2016	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p> <p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward</p>	


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			<p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p> <p>30/06/2016</p>	<p>to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p> <p>GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.</p> <p>GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.</p> <p>GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.</p> <p>GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air permeability tests will not be carried out on isolation rooms.</p> <p>GA noted that a further circa 150 visicom units had been remediated leaving circa 100 still to do. GA noted that BMCL had been unable to progress the works to be undertaken in Critical Care by Iain Thomson. GF agreed to liaise with Lynn Pritchard.</p> <p>FS advised that the remedial works were 95% complete with access to critical care being an issue. Infection control are asking for the rooms to be retested – subsequently discussed with Ian Powrie who confirmed that as not a refurb retesting would not be requested. It was noted that a visual inspection of the works could be viewed once completed. GF agreed to liaise with LPritchard. GW advised that the Administrator has requested proof that this is a defect and suggested that it would be beneficial not to repair one so that a rep can be brought to site to review. GF advised that he would email GW to state that this is a fully operational hospital and the product is defective.</p> <p><b>FS advised that the remedial works were wip. To date the works to the High Line blinds were 90% complete and the Visicoms were 95% complete.</b></p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be</p>	

			28/01/2016	accurate as an Ipad lux level app had been utilised.
			11/02/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.
			25/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).
			10/03/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.
			24/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.
			07/04/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.
			21/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.
			05/05/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.
			19/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.
			02/06/2016	GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.
			16/06/2016	GA advised that Paul had sent through his proposal and is working to progress with Land Eng.
			30/06/2016	DW advised that the drawing had been issues to Mercury and Land Eng for pricing. LJ agreed to pursue the costing info.
				GF advised that he had drawings and would pass onto FM and Estates colleagues for info.

**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 30/06/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblines could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	
			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblines at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.	
			24/03/2016	GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblines to be finalised asap.	

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			07/04/2016	HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.	
			05/05/2016	HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.	
			18/06/2016	GW noted that a saving had been provided as per PMI and NHS have then gone back to the contract. WSP have provided their design costs. GW suggested that the PMI be closed and reissued.	
			30/06/2016	It was agreed that this item could be closed.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).	CE to be issued
				Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.	
			10/12/2015	Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.	
			14/01/2016	It was noted that this info is with Workspace Design for them to provide a quote.	
			28/01/2016	GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.	
			11/02/2016	GF noted that he would liaise with PM	
			25/02/2016	GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.	
			10/03/2016	GA advised that the mirror film was to be fitted 14 <sup>th</sup> March 2016.	

5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016 25/02/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016 05/05/2016 19/05/2016 02/06/2016 16/06/2016 30/06/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap. Gf advised that he understood a review of the costs were ongoing by RG and LJ GF to check with RG that costs are acceptable and then provide CE. <b>GF agreed to progress the issue of the CE</b>	Cross ref CE 182
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month. GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options. GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on	Cross ref PMI 475  Cross ref CE 173

			05/05/2016 02/06/2016 16/06/2016	22/04/2016. GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell. GA advised that the air handling unit supplier for Mercury are working on an alternate solution as previous proposal does now not comply with new EU legislation. DW advised that BMCL are awaiting the costing from the AHU manufacturer and Mercury are chasing the cost info. Mercury propose to check with another supplier. DW noted that there was a query regarding warranty – if change the AHU then may lose the Barkel warranty however there was only a short warranty period now left. GW requested a CE for the design fees and then for the PMI to be closed.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016 30/06/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL) LJ advised that the costs had been updated to include the Barkel costs which had previously been omitted from the quote due to the costs being awaited.	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	22/04/2016 19/05/2016 02/06/2016 16/06/2016 30/06/2016	The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows; 1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high) 2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point. It was noted that the costs are awaited GA advised that the costs had been uploaded to Sypro for review/agreement. GA noted that he had instructed the works as e knew that the NHS are keen to progress. GA advised that the actual materials are off the shelf however install would depend on getting a slot with the powder coaters. GW noted that the cost had been uploaded and requested the CE for the works. GF agreed to progress the issue of the CE	Cross ref CE 181
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016 19/05/2016 02/06/2016 16/06/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No. mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. It was noted that the works are ongoing GA advised that the works were substantially complete. GF noted that he would be reviewing the lock/latch covers with PMcG later that day. It was noted that the CE for this item had been issued and subsequently accepted therefore this item could be closed.	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be	Cross ref CE 183



			05/05/2016 19/05/2016 02/06/2016  16/06/2016 30/06/2016	securely fixed. GF confirmed that the larger screws should be used to fix the IPS Panels. GA noted that the costs have been uploaded to Sypro for NHS review GF acknowledged receiving the costs and advised that he would need to discuss the costs with DLoudon as DL was of the view that this matter is a defect. GW requested a CE for the works. GF agreed to progress the issue of the CE	
5951	PMI 480	Alterations to QEUH Acute Assessment Ward	24/06/2016	The Board requests that Brookfield provide a cost for alterations within the QEUH Acute Assessment Ward as detailed on the attached sketch.	
5952	PMI 481 -	Uplift Existing Floor Screed within the Existing Entrance Area	15/06/2016  30/06/2016	In accordance with Clause 61.1 proceed with the uplift of the existing screed within the Entrance Area of the Neurosurgery Building. Refer to attached marked up sketch for locations It was noted that this matter was with BMCL to progress	
6001	PMI 482 -	High-level blinds - Instruction stickers	06/07/2016	The Board request that BMCL provide a cost for the supply and installation of instruction stickers for the high level blinds as discussed at the Early Warning meetings.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
21182	CE 181 -	Ground Level Childrens Play Park Fence	06/07/2016	The Board confirm the Brookfield should progress with the installation of the ground level Childrens play park fence. Cross reference PMI 477  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016
21183	CE 182 -	Neurosurgery Overcladding Curtain Rail Modifications	06/07/2016	Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows as discussed at the Early Warning meetings.  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016
21184	CE 183 -	QEUH - IPS Remedial works	06/07/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016

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## Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept ( 27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP –IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016) G noted that meetings are ongoing and that there is a meeting scheduled to take place on 8<sup>th</sup> June 2016. (02/06/2016)  
**DW suggested that this note should be concluded the following week – action is currently on DBratney. (16/06/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016) Over 800 remedials done as of Monday. GA requested that the NHS provide a PMI for the placement of the instruction stickers at the visicom units and GF agreed to provide. (30/05/2016) **It was agreed this item could be closed subject to the issue of the PMI for the placement of the stickers. The stickers were being fixed as the blinds are repaired. (16/06/2016)**
- Labs Block – solar shading fin – GF noted that a solar shading fin had been shattered during previous replacement and enquired when BMCL proposed to replace the fin. GA advised that he was not aware of this defect. (02/06/2016) **HMc agreed to liaise with CPurdon regarding back ground to this (30/06/2016)**
- Car park 4 – completion date 24<sup>th</sup> June – it was noted that PMcG had advised that BW/Planning permission has not been granted and this needs to be confirmed to the NHS asap so that an internal decision can be taken. (16/06/2016) **FS noted that there was 11 conditions of which 8 had been discharged. The 3 remaining conditions related to a) emissions survey which Land Eng are working on, b) contaminated land certification which the Contamination Land Officer had signed off and c) Landscaping completion and Land Eng would confirm these dates on the basis of the planting season. In relation to the Building Warrant – BMCL had been unable to contact the Building Control officer**

therefore were unable to obtain the completion certificate. FS advised that GBurnett and PMcGuinness would progress these matters whilst FS was on annual leave (30/06/2016)

- Noise due to drilling – GF noted that there had been a complaint received regarding the drilling for the dowels for the first floor slab. GF enquired if there was potential to carry out this work over a weekend or in the evening noting however that the NHS did not want any impact to the programme. FS agreed to review and confirm back. (30/06/2016)
- VIE works programe – GF noted that DBratney is seeking an update as to when the alterations will be carried out. FS advised that BMCL were now in receipt of the final piling design and would provide info asap. (30/06/2016)

**NEW SOUTH GLASGOW HOSPITALS AND LABS PROJECT  
NEC3 – STATUS UPDATE**

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**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 10/08/2016

The following Early Warnings have been submitted to the PMO Board and are awaiting close out as per 2019						Brookfield MULTIPLEX	BM
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status		
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications: PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant) PMI 338 – full fit out PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB) PMI 343 – fit out PMI 347 – Change of materials PMI 352 – additional electrical sockets PMI 357 – additional water supplies PMI 360 – additional power, water and drainage connections  Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.  Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.			
			26/03/2015	GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data & power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.			
			02/04/2015	GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.			
			23/4/2015	FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings			
			30/04/2015	GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.			
			07/05/2015	GB noted that collation of the Building Warrants is WIP			
			14/05/2015	GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury			
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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however	

			18/052016 02/06/2016  16/06/2016  30/06/2016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting <b>date for completion of the drawings</b> . GA advised that DW is chasing up Mercury GA advised that BMCL had employed an intern to progress the mark ups of the drawings in order not to delay the warrant application further. DW advised that the Intern was progressing the mark-up of the drawings. Levels 0 and 1 were being marked up and issued to Building Control along with the test certification. It would take a long time to do all the floors. FS advised that the mark up of the drawings had been completed and the application was wip.	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme  *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015   24/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the demolitions will be carried out in the same manner as the T&L. HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they	

			<p>will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p> <p>01/10/2015 GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p> <p>08/10/2015 GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p> <p>22/10/2015 PM noted that BMCL were to redraw the programme however the general thought is that everything will still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant</p>	
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			12/11/2015	to be applied for. GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16 <sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient & therapies building would be demolished at handover to BMCL.	
			26/11/2015	GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings	
			10/12/2015	GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19 <sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19 <sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.	
			14/01/2016	GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.	
			28/01/2016	GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos	


			<p>11/02/2016 25/02/2015 10/03/2016</p> <p>24/03/2016</p> <p>21/04/2016 05/05/2016 18/05/2016</p> <p>16/06/2016</p>	<p>It was noted that a revised programme has been issued which updates on the works LJ advised that the costs should be with the NHS in the next few weeks.</p> <p>LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]</p> <p>GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.</p> <p>LJ advised that awaiting final account discussion with GW so can build up the other costs.</p> <p>LJ advised that GW is working on the costs for discussion with C&amp;B.</p> <p>GA noted that LJ was awaiting information from GWallace and suggested that the costs would be issued by cop 20/05/2016</p> <p>GW noted that BMCL are pulling together all the phase 3A delays. GA advised DR has stated that the INS delays should be left to the end so the actual finish date is known. GA suggested that some of the items should be closed out and combined into 1 single EW.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG) SITU (DC) A&amp;E (AK) ORTHOPAEDIC (DH) THERAPY CENTRE (AL) DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed over by Friday 4th December 2015.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why B&lt;CL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW.</p>	<p>Item to remain on tracker until demolition works complete.</p>

			14/01/2016 28/01/2016  11/02/2016	GA noted that BMCL had completed their investigative works and surveys. GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016 28/01/2016 11/02/2016 25/02/2016	Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence. HMc noted that the asbestos works had been scheduled to take place on 26/01/2016. GF noted that the asbestos had been removed the previous day. It was noted that the delays are approx 2 weeks . <b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016 21/04/2016 05/05/2016 02/06/2016	Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services. GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance. It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016. It was noted that the strip out is to be progressed. GF advised that asbestos removal works are ongoing GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible. GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc. GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are progressing works that can be. Asbestos removals planned to take place from 14 <sup>th</sup> April 2016. GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services. GF advised that AD is pursuing the removal of the fire damper panel. GA advised the a revised programme had been issued via Sypro and emailed out earlier that day. GW will look at the costs for delays and will liaise with DR. GF confirmed that the fire alarm panel works had been	

			30/06/2016	completed. GA advised that the water pipe which serves the radiator panel located behind the fixed seating is still live and requires to be isolated. GF agreed to progress. FS advised that BMCL require acceptance of the submitted programme as per NEC3 contractual arrangements.	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016 02/06/2016  30/06/2016	Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road. GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings GA requested that the NHS provide a PMI for changing the drawing(s). GA noted that PMcG had sent on the details to WS. BMCL would provide the cost for the redesign work. The cost information would be uploaded to PMI 449. LJ advised that BMCL were awaiting a new PMI as it was not possible for BMCL to revert back to the contract drawings because of the new CP. The road layout would need to be reviewed/designed by WSP. FS tabled a drawing and raised queries. It was agreed that the group would carry out a walk round of the blue light route at the end of the meeting. New PMI to be provided to BMCL on basis of discussions of walkround.	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016   02/06/2016	Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured. It was noted that GW and DR will review	
29876	BMCL-EWN-177	INS Over cladding - internal works	10/05/2016  19/05/2016 02/06/2016  16/06/2016  30/06/2016	We have been unable to achieve the internal fit out portion of the over cladding programme due to the NHS being unable to meet the decant programme. This will potentially have an impact on programme duration and costs. GA advised that it was hoped to slot in those missed wards into the gap in the programme GA advised that it was still the intention to slot in those missed zones into the gap. GF advised that he had discussed this with Jamie Munro and that once the programme for the works has been received GF would liaise with the Users. GF advised that he had discussed with JMunro and a way forward had been agreed. GF would liaise with SWalker and seek approval for the proposed decants. It was agreed that this item could be closed.	
30164	BMCL – EWN - 178	Uncharted underground services within Phase 3A works	31/05/2016   02/06/2016	Land Engineering have discovered 3 No. potentially live, uncharted, electrical cables within the Central Park area whilst carrying out CAT scans prior to excavating the SUDS pond. The NHS were notified of these on 10th April and it was confirmed to them on 11th May that these were within either the SUDS pond excavation or the Orchard area and therefore need to be diverted/isolated. (The NHS and Burgoyne have both been out to see the cables but no other action has yet taken place).  These services are now having an impact on progress on site. It was noted that the NHS Estates Dept are trying to eliminate all possibilities prior to any switch off of the HV which was a last resort. It was suspected that any switch off would not be until the following week and would only be carried out after 5pm. GA advised that there was still concern that the process may not confirm if it is the same cable.	

			18/06/2016	GF advised that the cable would be spiked on 23/06/2016. HM advised that the cable had been tracked back to the sub-station and was found to be severed and that the readings being obtained are from induction. HMc would provide confirmation of the cable being dead to BMCL on 23/06/2016.	
			30/06/2016	It was agreed that this item could be closed. The cable had been spiked and confirmed as dead.	
30393	BMCL – EWN - 179	EWN- Existing screed to INS entrance, levels for floor finishes	15/06/2016 18/06/2016	Existing screed within INS requires to be removed, this has been excluded within the cost plan for the INS and should be instructed. GF noted that the PMI had been provided – Cross reference PMI 481. GW advised that as the building was occupied that the cost had been based on approx levels.	

The following Early Warnings have been submitted to BMCL and are awaiting close out as at 10/08/2016

					
SypnoID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015  10/12/2015  14/01/2016  28/01/2016  11/02/2016	<p>Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.</p> <p>Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution.</p> <p>GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.</p> <p>GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.</p> <p>GA advised that WIP to level 8.</p> <p>Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.</p> <p>GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward</p>	

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			<p>25/02/2016</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>07/04/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p> <p>30/06/2016</p>	<p>to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.</p> <p>GA noted that the encapsulated door sample was to be offered to the NHS for review.</p> <p>GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.</p> <p>GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.</p> <p>GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised</p> <p>GA advised that good progress was being achieved with remedial works having been carried out to 650 units. BMCL are working to the agree HAI Scribe for the high risks areas.</p> <p>GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.</p> <p>GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.</p> <p>GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air permeability tests will not be carried out on isolation rooms.</p> <p>GA noted that a further circa 150 visicom units had been remediated leaving circa 100 still to do. GA noted that BMCL had been unable to progress the works to be undertaken in Critical Care by Iain Thomson. GF agreed to liaise with Lynn Pritchard.</p> <p>FS advised that the remedial works were 95% complete with access to critical care being an issue. Infection control are asking for the rooms to be retested – subsequently discussed with Ian Powrie who confirmed that as not a refurb retesting would not be requested. It was noted that a visual inspection of the works could be viewed once completed. GF agreed to liaise with LPritchard. GW advised that the Administrator has requested proof that this is a defect and suggested that it would be beneficial not to repair one so that a rep can be brought to site to review. GF advised that he would email GW to state that this is a fully operational hospital and the product is defective.</p> <p>FS advised that the remedial works were wip. To date the works to the High Line blinds were 90% complete and the Visicoms were 95% complete.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be</p>	

			28/01/2016	accurate as an Ipad lux level app had been utilised.
			11/02/2016	GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat & NCH). BMCL will be installing temp lights at their hoarding.
			25/02/2016	GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).
			10/03/2016	GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.
			24/03/2016	GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.
			07/04/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.
			21/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.
			05/05/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.
			19/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.
			02/06/2016	GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.
			16/06/2016	GA advised that Paul had sent through his proposal and is working to progress with Land Eng.
			30/06/2016	DW advised that the drawing had been issues to Mercury and Land Eng for pricing. LJ agreed to pursue the costing info.
				GF advised that he had drawings and would pass onto FM and Estates colleagues for info.



**PROJECT MANAGER'S INSTRUCTION**

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 10/08/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
4830	PMI 449 -	Amendment to Stage 3A works due to MSCP3	27/10/2015	The revised layout of MSCP3 does not require the full length of access road, footpath or same number of lighting columns currently in the Stage 3A works. Please provide cost saving calculation for the removal of the works shown highlighted in blue on the attached extract of drawing WSP-EW-PL-716-04-Rev F .	
			12/11/2015	The attachment is the area to be removed shown marked in blue. GA noted that PMcG has issued an RFI regarding the road surfacing works. PM noted that a previous CE had been issued to BMCL for the section of the road at the front of the existing Management Building. PM agreed to look out the CE.	
			26/11/2015	GA advised that there had been various PMIs issued throughout the life of the project and that the Masterplan had changed and the NHS were responsible for the Masterplan. It was agreed that a meeting should be organised to go over the PMIs/roads works.	
			10/12/2015	PM noted that there had been a meeting on 8/12 to discuss. PMcG has provided drawings which have subsequently been provided to Hypostyle so they can drop the information on to it.	
			14/01/2016	GA advised that PMcGuinness has compiled a drawing of the various PMIs and that a meeting with the NHS to discuss was to be scheduled. The drawing will be provided to the NHS for review and sign-off	
			28/01/2016	GA advised that there had been a couple of meetings to discuss the way forward. Land Eng are currently setting out kerbing however this is based upon the WSP drawing and not the new masterplan drawing. It would be beneficial if BMCL could get Dunne setting out info. It was suggested that BMCL could free issue the light columns to Dunne for them to connect. LJ noted that GW had suggested that the lights could be used at Maternity.	
			11/02/2016	GF noted that the design is to be prepared and Dunne will be provided with the lights as free issue. Dropped manhole.	
			25/02/2016	GA advised that the design for the curbed line to be agreed. NHS to confirm if WSP of Dunne to do design. HMC suggested that the existing kerblin could be used. GA suggested that all the changes needed to be collated onto 1 drawing as this would prevent potential difficulties at a later date. HMc agreed to progress.	
			10/03/2016	HMc advised that he has sent an invite to PMcG to meet to review the drawing and rationalise. It was proposed to tie into the existing kerblin at the front of the MSCP. It was proposed that a combined drain could be changed to a slot drain. Once the drawing has been marked up then he would provide to PMcG for issue to WSP. GA advised that BMCL would need a PMI to ask WSP to review the mark-up and produce a final drawing.	
			24/03/2016	GF advised that HMc would be progressing this on 29/03/2016. GF advised that BMCL require the kerblin to be finalised asap.	

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			07/04/2016	HMc advised that he would prioritise the drawing mark-up with PMcG once HMc returns back from leave.	
			05/05/2016	HMc advised that it was proposed that the kerblines should be kept as existing, the central island to be removed and painted on and a slot drain to be installed. HMc would mark up a drawing and provide to BMCL for provision to WSP for preparing plan and BMCL costing – HMc suggested that it may be cost neutral. GA enquired about the roadworks being done by GCC and if there is any impact on the BMCL works. GF agreed to provide a copy of the drawing from GCC and provided an overview of the proposed works. GA advised he would liaise with GB to check if BMCL would need to go back to Planning.	
			18/06/2016	GW noted that a saving had been provided as per PMI and NHS have then gone back to the contract. WSP have provided their design costs. GW suggested that the PMI be closed and reissued.	
			30/06/2016	It was agreed that this item could be closed.	
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).	CE to be issued
				Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.	
			10/12/2015	Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013.	
			14/01/2016	It was noted that this info is with Workspace Design for them to provide a quote.	
			28/01/2016	GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1 room.	
			11/02/2016	GF noted that he would liaise with PM	
			25/02/2016	GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed.	
			10/03/2016	GA advised that the mirror film was to be fitted 14 <sup>th</sup> March 2016.	

5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016 25/02/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016 05/05/2016 19/05/2016 02/06/2016 16/06/2016 30/06/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap. Gf advised that he understood a review of the costs were ongoing by RG and LJ GF to check with RG that costs are acceptable and then provide CE. <b>GF agreed to progress the issue of the CE</b>	Cross ref CE 182
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016 10/03/2016 24/03/2016 07/04/2016 21/04/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month. GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options. GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on	Cross ref PMI 475  Cross ref CE 173

			05/05/2016 02/06/2016 16/06/2016	22/04/2016. GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell. GA advised that the air handling unit supplier for Mercury are working on an alternate solution as previous proposal does now not comply with new EU legislation. DW advised that BMCL are awaiting the costing from the AHU manufacturer and Mercury are chasing the cost info. Mercury propose to check with another supplier. DW noted that there was a query regarding warranty – if change the AHU then may lose the Barkel warranty however there was only a short warranty period now left. GW requested a CE for the design fees and then for the PMI to be closed.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016 30/06/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL) LJ advised that the costs had been updated to include the Barkel costs which had previously been omitted from the quote due to the costs being awaited.	
5645	PMI 477 -	Ground Level Childrens Play Park Fence	22/04/2016 19/05/2016 02/06/2016 16/06/2016 30/06/2016	The Board requests the provision of a quotation for the installation of fencing within the ground level childrens play park as follows; 1) Form double gate at east end of fire track and extend fence to NW corner of Neonatal unit, include provision of pedestrian fire exit gate with push pad exit. (All 1.8m high) 2) Install pedestrian fence (looped top or similar) from CP1 to Neonatal unit as per route designated on the marked up sketch drawing. Make allowance for double gate on fire track and single gate at the main access point. It was noted that the costs are awaited GA advised that the costs had been uploaded to Sypro for review/agreement. GA noted that he had instructed the works as e knew that the NHS are keen to progress. GA advised that the actual materials are off the shelf however install would depend on getting a slot with the powder coaters. GW noted that the cost had been uploaded and requested the CE for the works. GF agreed to progress the issue of the CE	Cross ref CE 181
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016 19/05/2016 02/06/2016 16/06/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No. mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June. It was noted that the works are ongoing GA advised that the works were substantially complete. GF noted that he would be reviewing the lock/latch covers with PMcG later that day. It was noted that the CE for this item had been issued and subsequently accepted therefore this item could be closed.	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be	Cross ref CE 183

			05/05/2016 19/05/2016 02/06/2016  16/06/2016 30/06/2016	securely fixed. GF confirmed that the larger screws should be used to fix the IPS Panels. GA noted that the costs have been uploaded to Sypro for NHS review GF acknowledged receiving the costs and advised that he would need to discuss the costs with DLoudon as DL was of the view that this matter is a defect. GW requested a CE for the works. GF agreed to progress the issue of the CE	
5951	PMI 480	Alterations to QEUH Acute Assessment Ward	24/06/2016	The Board requests that Brookfield provide a cost for alterations within the QEUH Acute Assessment Ward as detailed on the attached sketch.	
5952	PMI 481 -	Uplift Existing Floor Screed within the Existing Entrance Area	15/06/2016  30/06/2016	In accordance with Clause 61.1 proceed with the uplift of the existing screed within the Entrance Area of the Neurosurgery Building. Refer to attached marked up sketch for locations It was noted that this matter was with BMCL to progress	
6001	PMI 482 -	High-level blinds - Instruction stickers	06/07/2016	The Board request that BMCL provide a cost for the supply and installation of instruction stickers for the high level blinds as discussed at the Early Warning meetings.	
6111	PMI 483	Neurosurgery Overcladding - External Lights	27/07/2016	Supply only 4No Bulkhead light fittings to fire exits and FM entrance of the Neurosurgery Building. These will match those installed on main NSGH project. Installation costs already included within the Target Cost.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/ discussed	Actions	Date Closed Out/Status
21182	CE 181 -	Ground Level Childrens Play Park Fence	06/07/2016	The Board confirm the Brookfield should progress with the installation of the ground level Childrens play park fence. Cross reference PMI 477  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016
21183	CE 182 -	Neurosurgery Overcladding Curtain Rail Modifications	06/07/2016	Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows as discussed at the Early Warning meetings.  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016
21184	CE 183 -	QEUH - IPS Remedial works	06/07/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.  Cost agreed as [REDACTED] inclusive of OH&P but exclusive of VAT	11/07/2016

21714	CE 184	Alterations to QEUH Acute Assessment Ward	10/08/2016	The Board confirm acceptance of the design fees identified for PMI 480 - Alterations to QEUH Acute Assessment Ward and request BMCL to provide a cost and programme for the alterations as detailed on the sketch.	
				Agreed cost [REDACTED] inc of OH&P but ex VAT (Design Fees only)	

#### Other items that require discussion:


- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter (30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP – IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016) G noted that meetings are ongoing and that there is a meeting scheduled to take place on 8<sup>th</sup> June 2016. (02/06/2016) **DW suggested that this note should be concluded the following week – action is currently on DBratney. (16/06/2016)**
- Highline blinds – it was noted that there had been 80 failures from 1700 blinds and BMCL were considering that they will carry out remedial works to all the highline blinds (observation windows) rather than leave and become a latent defect. BMCL would want to carry out these works at the same time as carrying out the door remedial works. GW advised that he proposed to discuss with DR how to progress this as the cost to carry out the highline blind repairs will be in excess of the retention BMCL hold. PM advised that BMCL should discuss with DR and GF should raise with DL. GW advised that he would be happy to discuss the issue with DL and Alan Douglas. (25/02/2016) GA advised that JS is liaising with IPowrie re HAI. BMCL propose to carry out the works at the same time as doing the visicom remedials (10/03/2016) GF advised that the BMCL are continuing to work through the building in conjunction with carrying out the visicom remedials – circa 140 blinds have had remedial works carried out. (24/03/2016) . GA advised that circa 220 have been repaired. (07/04/2016) GA advised that circa 350-400 have now been changed over. These works will slow down as the operatives move across to carry out works to the NHS Roof Garden. (21/04/2016) GA advised that the works had been stopped as the operatives had moved onto work on the roof garden (05/05/2016) Over 800 remedials done as of Monday. GA requested that the NHS provide a PMI for the placement of the instruction stickers at the visicom units and GF agreed to provide. (30/05/2016) **It was agreed this item could be closed subject to the issue of the PMI for the placement of the stickers. The stickers were being fixed as the blinds are repaired. (16/06/2016)**

- Labs Block – solar shading fin – GF noted that a solar shading fin had been shattered during previous replacement and enquired when BMCL proposed to replace the fin. GA advised that he was not aware of this defect. (02/06/2016) HMc agreed to liaise with CPurdon regarding back ground to this (30/06/2016)
- Car park 4 – completion date 24<sup>th</sup> June – it was noted that PMcG had advised that BW/Planning permission has not been granted and this needs to be confirmed to the NHS asap so that an internal decision can be taken. (16/06/2016) FS noted that there was 11 conditions of which 8 had been discharged. The 3 remaining conditions related to a) emissions survey which Land Eng are working on, b) contaminated land certification which the Contamination Land Officer had signed off and c) Landscaping completion and Land Eng would confirm these dates on the basis of the planting season. In relation to the Building Warrant – BMCL had been unable to contact the Building Control officer therefore were unable to obtain the completion certificate. FS advised that GBurnett and PMcGuinness would progress these matters whilst FS was on annual leave (30/06/2016)
- Noise due to drilling – GF noted that there had been a complaint received regarding the drilling for the dowels for the first floor slab. GF enquired if there was potential to carry out this work over a weekend or in the evening noting however that the NHS did not want any impact to the programme. FS agreed to review and confirm back. (30/06/2016)
- VIE works programe – GF noted that DBratney is seeking an update as to when the alterations will be carried out. FS advised that BMCL were now in receipt of the final piling design and would provide info asap. (30/06/2016)



**EARLY WARNINGS**

The following Early Warnings have been submitted to the NHS Board and are awaiting close out as 11/08/2016

<div style="float: right; text-align: right;">  </div>					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Status	Date Completed/ Status
24576	BMCE-EWN-000154	Retrospective Building Warrants for PMI's	25/03/2015	<p>Brookfield have been advised by building control that the following PMI's will be subject to Building Warrant applications:</p> <ul style="list-style-type: none"> <li>PMI 328 – (only for the electrical works – the data is low voltage and does not require a warrant)</li> <li>PMI 338 – full fit out</li> <li>PMI 340 – small power, power to water heater, lighting (warrant not required for one WHB)</li> <li>PMI 343 – fit out</li> <li>PMI 347 – Change of materials</li> <li>PMI 352 – additional electrical sockets</li> <li>PMI 357 – additional water supplies</li> <li>PMI 360 – additional power, water and drainage connections</li> </ul> <p>Design fees were specifically excluded for the majority of the PMI's and no costs for building warrants have been included.</p> <p>Brookfield will need to instruct the design team to produce the information required to put together a retrospective catch all Building Warrant up to PMI 360. Brookfield will advise on an individual basis for PMI's after PMI 360.</p>	
			26/03/2015	<p>GB advised that he had identified the PMIs which required Building Warrants and he had discussed these with Building Control so that they are aware that warrant applications will be made in due course. GB was not sure that a single warrant application was the best approach as there is a risk that 1 item could delay all the warrant approvals. DH noted that the majority of applications will be retrospective warrant applications however there should be an opportunity to group items i.e. data &amp; power. GW advised that the design for the application was being obtained from WW. DH noted that he thought it had been agreed to use the Mercury as fitted drawings rather than getting the WW dwg updated.</p>	
			02/04/2015	<p>GB advised that he had good confirmation from GCC that they will accept Mercury as fitted drawings. There may be a couple that they can't accept and may need to get WW and/or Nightingale drawings. PM advised that if there are design costs involved that these be advised asap so that the NHS can get approval and the design process does not get delayed.</p>	
			23/4/2015	<p>FS advised that the information was being pulled together and BMCL were ensuring that any costs for the Mercury as fitted drawings</p>	
			30/04/2015	<p>GB advised that it would be towards the summer before the warrant applications are submitted. Pulling together a list of all the warrants is WIP. DH noted that some of the PMIs include for drawing update/design fees.</p>	
			07/05/2015	<p>GB noted that collation of the Building Warrants is WIP</p>	
			14/05/2015	<p>GB noted that he was pulling together all the building warrants together in circa 1 month. Awaiting Mercury</p>	

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			21/05/2015	providing final position and as fitted drawings. FS advised that BMCL will start to pull together the list suggesting that NHS changes will be minimal and should not impact on the BW application	
			28/05/2015	FS noted that GB will start working on the collation of the BW application – it was thought that there would not be many more data/power changes from the NHS.	
			04/06/2015	FS advised that GB is liaising with Mercury	
			11/06/2015	GB advised that this would be progressed once the works completed in the summer	
			25/06/2015	GB advised that BMCL are awaiting the Mercury updated drawings. FS suggested that a line should now be drawn in the sand re NHS changes and BW process start to be progressed.	
			30/07/2015	GB advised that GB and DW have been discussing. DW noted that it may be a couple of weeks to get the drawings, BMCL has some Mercury drawings but don't have Boston drawings. GB suggested that data drawings would not be needed. GW enquired how drawing updates were being dealt with as some PMIs had not been included in drawing updates. DW advised that the as-built drawings were being used. PM requested that once the amendment is submitted that BMCL collate and identify if there is any design drawing update cost attributed to the NHS.	
			05/08/2015	GB noted that it is WIP pulling the drawings together. Process agreed with Building Control.	
			13/08/2015	GB noted that he would have a better understanding of progress when DWilson returns from leave the following week.	
			27/08/2015	GB advised that Mercury are working through the small power drawings. GW enquired about the process for submitting the warrant application and GB advised that it was proposed to submit an amendment and he would confirm with Building Control that this was satisfactory.	
			17/09/2015	DW advised that the CAD'ing of the drawings relating to PMIs was nearing completion.	
			24/09/2015	GB noted that BMCL are awaiting some drawings and that Mercury are ongoing with the CAD'ing of drawings.	
			01/10/2015	GA advised that BMCL are awaiting on another couple of drawings from group management.	
			08/10/2015	GA advised that this item is WIP with the group management drawings expected within the next week or so.	
			22/10/2015	GB advised that DW is chasing up the final few drawings. Building warrant for mop wash is with Building Control to review and provide a retrospective warrant.	
			12/11/2015	DW suggested that BMCL would have the rd line drawings by w/e 20/11/2015.	
			26/11/2015	GA noted that DW is chasing up Mercury for updated drawings	
			10/12/2015	GA advised that the delay in getting the drawings had been due to the Mercury red line boundary drawing being lost and Mercury having to go round the site to mark-up a replacement.	
			14/01/2016	GA suggested that GB now has all the drawings and is in the process of packaging them up for issue.	
			28/01/2016	GA advised that GB is progressing this item. PM requested an indication of when this item would be closed out. GA agreed to liaise with GB	
			11/02/2016	It was noted that this continues to be WIP with GB packaging up the drawings for issue.	
			25/02/2016	GA advised that this remains as WIP. Building Control have requested that every single additional socket be highlighted. Mercury are progressing this.	
			10/03/2016	GA advised that Mercury are progressing the 'bubbling up' of the drawings showing the additional sockets for submission back to Building Control.	
			24/03/2016	WIP	
			21/04/2016	GA advised that he was awaiting feedback from GB who had just returned back from leave	
			05/05/2016	GA advised that he had chased up Mercury the previous week and would continue to pursue however	

			18/05/2016 02/06/2016  16/06/2016  30/06/2016 11/08/2016	noting that the drawing mark-up would not be their top priority as Mercury are dealing with other matters on site. GA advised that he would liaise with Kieron and request a date for the close out of the drawing mark-ups. GF to email GA requesting <b>date for completion of the drawings</b> . GA advised that DW is chasing up Mercury GA advised that BMCL had employed an intern to progress the mark ups of the drawings in order not to delay the warrant application further. DW advised that the Intern was progressing the mark-up of the drawings. Levels 0 and 1 were being marked up and issued to Building Control along with the test certification. It would take a long time to do all the floors. FS advised that the mark up of the drawings had been completed and the application was wip. <b>FS advised that all the drawings had been marked up however BMCL need Mercury to update the circuit charts and test information. FS suggested that should the NHS want to put the fire doors on to hold opens then this would require a further Building Warrant submission therefore it may be beneficial to hold off the current retrospective building warrant application until the fire door/hold opens had been agreed. FS advised that he would ask DW for an update regarding the submission. .</b>	
26764	BMCL-EWN-162	Delay in Contract work to INS extension	10/09/2015  01/10/2015 08/10/2015	Please accept this EWN as notification of the delay in contract works on the INS entrance Project. Piling works have overrun by 3 weeks due to unforeseen ground conditions at 4nr pile locations. We will use of best endeavours to minimise the impact this delay has on the original completion date. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works.	*****
26765	BMCL-EWN-163	Unforeseen Ground Conditions - Concrete Slab	10/09/2015 17/09/2015 01/10/2015 08/10/2015  28/01/2016	Delay to programme - This delay has been incurred due to unforeseen ground conditions: Concrete slab below tar level to be removed, this was not highlighted/ identified on site survey information. GA noted that this had cost Land Eng a 1 week delay to the programme. GA advised that a revised programme had been issued Noted that there is no further action for this item from programme or construction viewpoint. Item closed but to remain on tracker until the end of the works. PM advised that the NHS needed to have an indication of any commercial aspects. LJ advised that BMCL are in discussion with Central Demo regarding the claim for [REDACTED] for the removal of copper which they didn't get. GF to liaise with DR re assessment of potential costs. GA advised that BMCL were meeting with Central Demo the following day. It was BMCL intention to split the site in half and handover half to Land Eng so that the children's park element can be brought forward.	All delays to be reviewed at the end of the programme *****
26766	BMCL-EWN-164	Delay in Asbestos removal	10/09/2015  17/09/2015	Original programme dated 28/3/14 shows demolition starting on 17th August 205. Due to the NHS being delayed in removing the asbestos Brookfield Multiplex were not able to commence the demolition works. A revised programme has been attached. GA advised that BMCL are starting to receive information however the information is not in a structured format therefore going forward requested that the information is structured similar to a pre-construction information pack – survey, clearance certs, etc. HMc noted that the Shine system is used for Asbestos Management by NHS GG&C and the system complies with the HSE. HMc advised that he would request that the information is more structured and he would organize a meeting with Redhills to discuss. PM requested that the NHS provide BMCL with a complete pack. HMc advised that he had asked for RAMS, Isolation/connections requirements, etc and this information was awaited. GA advised that he had a pre-start meeting with Central Demo and that the information was starting to be received noting that the	

			24/09/2015	<p>demolitions will be carried out in the same manner as the T&amp;L.</p> <p>HM noted that he had provided a status update by email the previous day and that there are areas which BMCL could start in i.e. soft strip. GA provided an overview of the demolition plans i.e. start at day hospital and work towards the new hospitals. The demolition contractor will not be carrying out a soft strip as they will demolish and take off site for sorting and disposal as appropriate. BMCL are awaiting information for AI and AK. HMc noted that the information already provided relates to buildings which are sizeable and that BMCL could commence the works noting that AI is due at start of Oct and enquired if BMCL could work with the NHS. GA advised that BMCL have been working with the NHS and had rephrased and reprogrammed the works. BMCL will commence as soon as get clearance of the buildings noting a 2 week lead time is required for Central Demo. BMCL would start to put up the heras fencing so the buildings can be linked into the different programme phases. HMc noted that a cordon for AK could be provided. GA advised that a piecemeal approach prevents continuity, etc. GA enquired about the service isolations noting that it was agreed that BMCL would get a subscan document which showed where pipes had been capped/chopped. GA noted concern about power to the buildings. HMc advised that he would organise for an electrician to come in and test all the boards. HMc noted that the gas main had been capped, witnessed, photographed and certified. GA advised that BMCL need a subscan showing what has been disconnected, what is being retained. HMc agreed to provide a marked up drawing asap. HM noted that the water was originally to be disconnected but had now received a request to reconnect a number of hydrants. GA advised that BMCL can work without the hydrants as they had further reviewed the requirements. DH suggested that if BMCL get clearance of all the buildings with the exception of AK (programmed for 8<sup>th</sup> October) that the demolitions could at least start on the 8<sup>th</sup> October and GA agreed to review and confirm back.</p>	
			01/10/2015	<p>GA advised that Central Demolition have been arranged to start on site on 12<sup>th</sup> October. GA enquired if BMCL would be receiving the documentation for the remaining buildings in the stage 1 works. HM advised that he was expecting clearance of block AK on 5/10/2015 and block AI on 9/10/2015. HM suggested that BMCL continue to bring in Central demolition to start on 12/10 and if there are any issues then these can be dealt with as they occur. GA advised that he still wanted to carry out a walk-through on 06/10/2015 and thereafter with GBell on 9/10/2015. GA noted that the Aconex recently issued only had 1 certificate attached and not 45 as the message stated. HM advised that he had marked up a sub-scan document. HM noted that there was a gap in the survey information as DFraser had provided a mark-up of the areas to be scanned and some of the buildings were not in the original contract. GA raised concern about not having sub-scan documents of all the buildings to be demolished and on the basis of having found unidentified services previously this was a risk. GA acknowledged that BMCL didn't identify the other buildings as they were not part of the contract at that time. HM enquired how BMCL wanted to progress. GA advised that BMCL would expect the NHS to provide information for all the buildings as part of a pre-construction pack. GA Noted that there could be issues if BMCL create holes. GA noted that the services were isolated 1m away from the building however BMCL needed these to be isolated at their hoarding line so that the foundations can be grubbed out. HM advised that he would liaise with PMoir the following day re obtaining sub-scan information for the buildings which were additional to the BMCL original contract. GA noted that the information required is for the first building in the phase to be demolished.</p>	
			08/10/2015	<p>GA advised that Central Demolitions would be starting on site on Monday 12/10/2015 and noted that there is significant risk as awaiting asbestos clearance certificates for 2 of the biggest buildings in the 1<sup>st</sup> phase works. BMCL are also awaiting information about the underground services.</p>	
			22/10/2015	<p>PM noted that BMCL were to redraw the programme however the general thought is that everything will</p>	

			<p>still finish by 31<sup>st</sup> August with the exception of the INS. There was concern that the car park works would not be done to the desired timetable and there was a meeting organised with JMP on 26/10/2015. GB noted that there was concern that Planning could take a number of weeks and suggested that the NHS provide a PMI/CE to BMCL requesting that the design be completed sufficiently to allow a Building Warrant to be applied for.</p> <p>12/11/2015 GA noted that BMCL were awaiting the handover of the remaining buildings. HMc had advised earlier that day that the surgical block would be handed over on 16<sup>th</sup> Nov and the Out-patients would be handed over at the end of November. Once the buildings have been handed over GA would update the overall programme. PM noted that a good proportion of the out patient &amp; therapies building would be demolished at handover to BMCL.</p> <p>26/11/2015 GA noted that a subsequent EWN had been raised. Cross reference with BMCL – EWN – 167 – Delays to handing over buildings</p> <p>10/12/2015 GA advised that a revised programme had been issued the previous day. The covering email had provided an overview of the changes to the revised programme. HMc disputed that there should be 2 week delay due to the demolition materials segregation for the out-patient building as BMCL had previously stated that materials would be taken off site for segregation. DH noted that the contract completion date is 19<sup>th</sup> July however it now appeared that the completion date was being pushed out to the 19<sup>th</sup> September 2016. HMc acknowledged that there had been some slippage in building handover but that he thought the programme to do out-patients was too long. HMc noted that there did not appear to be a lot of operatives working on the demolition site and enquired if there is scope to accelerate the works. GA advised that BMCL had not had the continuity of work to man-up the demolition works. PM acknowledged receiving the revised programme however requested that programmes be uploaded to Sypro. DH noted that the revised programme was not in NEC3 format, did not appear to have any float and enquired if the red line signifies the critical path. GA advised that he had prepared the revised programme as there was no programme resource on site. It was agreed that BMCL should upload the contract programme for phase 3a along with the current programme. DH suggested that GA could look at the programmes previously uploaded to Sypro for the format of programmes going forward. SF was requested to obtain a Sypro login for GArmstrong. GA advised that BMCL had reviewed the operatives and equipment on site and had a meeting scheduled with the Director of Central Demolition to discuss way forward. GA advised that the labour level will remain as is until after the festive break. DH suggested that BMCL could consider combining activities which overlap in order to regain time in the programme, activities such as those identified on line 12 and line 21.</p> <p>14/01/2016 GA noted that the revised programme has been issued and comments on the programme had been received back via email from HMc. GA noted that the programme had been based on the same logic as the previous programme. HMc suggested that the programme should be re-jigged noting that the programme included for BMCL removing asbestos which the NHS were now doing. HMc suggested that the activity durations could be shortened if labour resources are increased. GA advised that BMCL would not be shortening the durations of the works however they were endeavouring to beat the programme. GA noted that BMCL had already reduced the durations of the road works and landscaping works and had already absorbed delays to the handover of the buildings. HMc advised that he would have expected there to be more trucks removing the debris. GA advised that the number of trucks will increase once the foundations are broken up and scrubbed up. HMc suggested that the NHS and BMCL should meet to discuss the programme. GF advised that HMc and GF will discuss the programme and provide feedback. GA stressed that BMCL are endeavouring to beat the programme.</p>	
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			<p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2015</p> <p>10/03/2016</p> <p>24/03/2016</p> <p>21/04/2016</p> <p>05/05/2016</p> <p>18/05/216</p> <p>16/06/2016</p> <p>11/08/2016</p>	<p>GF noted that he understood that the clearance certs had been issued the previous day. GA acknowledging receiving the certs the previous day and advised that the soft strip works had commenced and were due to complete the following week. GA advised that it is the soft strip works which tends to identify asbestos</p> <p>It was noted that a revised programme has been issued which updates on the works</p> <p>LJ advised that the costs should be with the NHS in the next few weeks.</p> <p>LJ advised that between EW 164 and 173 and based upon the contractor application the delay claim was in the region of [REDACTED]</p> <p>GA advised that BMCL were preparing to settle the final account with Central Demolition and would confirm the additional costs incurred thereafter.</p> <p>LJ advised that awaiting final account discussion with GW so can build up the other costs.</p> <p>LJ advised that GW is working on the costs for discussion with C&amp;B.</p> <p>GA noted that LJ was awaiting information from GWallace and suggested that the costs would be issued by cop 20/05/2016</p> <p>GW noted that BMCL are pulling together all the phase 3A delays. GA advised DR has stated that the INS delays should be left to the end so the actual finish date is known. GA suggested that some of the items should be closed out and combined into 1 single EW.</p> <p>GF advised that RG would discuss this matter with LJ.</p>	
27885	BMCL-EWN-167	DELAYS IN HANDING OVER BUIDLINGS	<p>24/11/2015</p> <p>26/11/2015</p> <p>10/12/2015</p>	<p>Please accept this EWN as notification of continued delays incurred on site due to non-availability of buildings to be demolished.</p> <p>To date only the following buildings have been released for demolition following the removal of ACM/s;</p> <p>ORTHO THEATRES (DG)</p> <p>SITU (DC)</p> <p>A&amp;E (AK)</p> <p>ORTHOPAEDIC (DH)</p> <p>THERAPY CENTRE (AL)</p> <p>DAY HOSPITAL</p> <p>Original commencement date for phase 3A works (as detailed on programme BM-GS3-OT-0774 dated 28/3/14) was the 3rd August 2015 with all buildings cleared of asbestos and demolition commencing on the 17th August 2015.</p> <p>GA advised that the latest date for the surgical block had been advised as 27/11/2015 however the handover had now been moved back to w/c 30/11/2015. BMCL have subsequently cancelled the scheduled crane lift as BMCL would prefer not to have reps going through the surgical building whilst asbestos removals are being carried out. GA noted that BMCL did not have any construction drawings for the link bridge therefore they would need to drill into the slab so that the weight of the bridge can be estimated.</p> <p>HMc noted that all buildings had been handed over by Friday 4<sup>th</sup> December 2015.</p>	<p>*****</p> <p>All delays to be reviewed at the end of the programme</p> <p>*****</p>
28056	BMCL-EWN-171	Investigative works at Surgical Block Link Bridge	<p>09/12/2015</p> <p>10/12/2015</p>	<p>Due to lack of information issued by the NHS on the construction of the Surgical Block Link Bridge we require to carry out investigative works to determine its weight to allow lift plan to be fully developed. We believe these works are outwith our current scope and would request that further information is provided or a PMI raised to cover these additional works.</p> <p>GA noted that BMCL have had to undertake investigative works in order to calculate the weight of the</p>	<p>Item to remain on tracker until demolition works complete.</p>

			14/01/2016 28/01/2016  11/02/2016	<p>bridge i.e. pull up the floor, drill through the floor, measure the gauge of steel, etc. PM enquired why BMCL were only doing the survey works now. GA advised that the buildings on either side of the bridge had not been handed over. HMc advised that access had always been provided through the AMB and due to asbestos removal being undertaken it had been proposed to install a temp partition. GA noted that he had been advised that BMCL have had to carry out more survey works than what was reasonable to expect/outwith the scope of works. LJ advised that she would liaise with GW regarding this EW. GA noted that BMCL had completed their investigative works and surveys.</p> <p>GA advised that there had been no claim as yet from Central Demo. The link bridge removal is planned for Sunday 31/01/16 but the removal is weather dependent. BMCL would be reluctant to wait for another Sunday therefore if adverse weather stops the removal BMCL would be looking to carry out the works at a night shift. GF advised that the Estates Dept are favourable to removing the link bridge at night. It was noted that the works have been carried out.</p>	
28291	BMCL-EWN-173	Stage 3A - Discovery of unidentified asbestos materials.	12/01/2016  14/01/2016 28/01/2016 11/02/2016 25/02/2016	<p>Progress to the demolition works within stage 3A have been affected due to the discovery of unidentified asbestos materials. The affect this will have on cost and / or programme will be calculated once the full impact of this discovery is understood and works are able to fully recommence.</p> <p>HMc noted that the asbestos works had been scheduled to take place on 26/01/2016.</p> <p>GF noted that the asbestos had been removed the previous day.</p> <p>It was noted that the delays are approx 2 weeks .</p> <p><b>HMc advised that the surveyors have been alerted that there may be costs to be recovered. LJ agreed to provide costs asap.</b></p>	
28292	BMCL-EWN-174	INS Entrance - Delay in asbestos removal and service isolation / disconnection	12/01/2016  14/01/2016  28/01/2016 11/02/2016 25/02/2016 10/03/2016  24/03/2016  07/04/2016	<p>Potential delays to programme due to late asbestos removal, service isolation and disconnection within the existing portion of the INS building due to be reconfigured as part of the new entrance works. Preparation works to allow demolition to commence are now overdue. Demolition works are due to commence on Monday 18th Jan. This element of the programme will be rescheduled following the removal of asbestos and disconnection of services.</p> <p>GF noted that he had received the final report and he would upload this to Aconex. ADrennan is liaising with JDargan to get the isolations carried out. GA noted he was not aware that any asbestos had been identified in the level 1 corridor and enquired if it would be possible to get the isolations carried out to level 1 in the first instance.</p> <p>It was noted that Enviraz was scheduled to remove the asbestos on 30/01/2016.</p> <p>It was noted that the strip out is to be progressed.</p> <p>GF advised that asbestos removal works are ongoing</p> <p>GA advised that there was a significant impact to the programme. BMCL have not reissued the programme as it is not known when the area will be handed over to BMCL. GF advised that AD is pushing on the asbestos removal works as much as possible.</p> <p>GA advised that the overhang/regen kitchen has been cleared and the enclosure has gone. The clearance of the overhang at the bike shelter is anticipated to be 26/03/2016. Thereafter above ceiling/joints. GA requested a walk-round noting that there is a lot of pipework and units which need to be removed/chopped in line with the redline boundary. GA advised that the programme is currently being updated and will be issues in due course – BMCL have added a further 2 weeks to the programme for the commissioning/BMS. The programme is being drafted dependent on the HAI Scribe, etc.</p> <p>GA advised that there are still asbestos clearances to be carried out and certs provided, etc. BMCL are</p>	



			21/04/2016 05/05/2016 02/06/2016  30/06/2016  11/08/2016	<p>progressing works that can be. Asbestos removals planned to take place from 14<sup>th</sup> April 2016. GA advised that the asbestos has been removed (other than any ductwork). BMCL have taken down ceilings in order to enable ADrennan to cut services.</p> <p>GF advised that AD is pursuing the removal of the fire damper panel.</p> <p>GA advised the a revised programme had been issued via Sypro and emailed out earlier that day. GW will look at the costs for delays and will liaise with DR. GF confirmed that the fire alarm panel works had been completed. GA advised that the water pipe which serves the radiator panel located behind the fixed seating is still live and requires to be isolated. GF agreed to progress.</p> <p>FS advised that BMCL require acceptance of the submitted programme as per NEC3 contractual arrangements.</p> <p>GF agreed to accept the programme uploaded to Sypro.</p>	
29718	BMCL-EWN-175	Redesign of Blue Light Route	26/04/2016  05/05/2016  19/05/2016 02/06/2016  30/06/2016  11/08/2016	<p>Please accept this EWN as notification of potential additional costs and delays to the completion of the phase 3A contract works due to the requirement to redesign the layout and detailing of the blue light route running between Langlands Drive and Govan Road.</p> <p>GA advised that BMCL had reviewed options internally. GF requested that BMCL progress in line with the contract drawings. GF noted that the contract drawings would need to be changed to take account of the new CP extension. GF to confirm way forward. HMc to provide the Dunne drawings</p> <p>GA requested that the NHS provide a PMI for changing the drawing(s).</p> <p>GA noted that PMcG had sent on the details to WS. BMCL would provide the cost for the redesign work. The cost information would be uploaded to PMI 449.</p> <p>LJ advised that BMCL were awaiting a new PMI as it was not possible for BMCL to revert back to the contract drawings because of the new CP. The road layout would need to be reviewed/designed by WSP. FS tabled a drawing and raised queries. It was agreed that the group would carry out a walk round of the blue light route at the end of the meeting. New PMI to be provided to BMCL on basis of discussions of walkround.</p> <p>FS suggested that for the avoidance of any doubt it would be beneficial to have a meeting to discuss what the NHS requires. FS advised that BMCL would draw-up what the expected that they needed to do and provide to WSP in order that WSP can confirm the pipe size required.</p>	
29719	BMCL-EWN-176	INS Entrance - Delay to commencing demolition works	26/04/2016  02/06/2016 11/08/2016	<p>Further to BMCL-EWN-174, please confirm when the demolition works to the INS Entrance will be able to commence to allow the contract programme to be rescheduled. Prior to these works commencing they require the ACM's to be removed and redundant services to be isolated and disconnected within the area to be reconfigured.</p> <p>It was noted that GW and DR will review</p> <p>GF agreed to liaise with DR/RG regarding INS delays.</p>	
30393	BMCL – EWN - 179	EWN- Existing screed to INS entrance, levels for floor finishes	15/06/2016  18/06/2016	<p>Existing screed within INS requires to be removed, this has been excluded within the cost plan for the INS and should be instructed.</p> <p>GF noted that the PMI had been provided – Cross reference PMI 481. GW advised that as the building was occupied that the cost had been based on approx levels.</p>	

Syproid	NHS Ref No	Item	Date Raised /Discussed	Status	Date Closed out /Status
27913	NHS EWN 064	TDSL VISTAMATIC WINDOWS AND SCREEN TO DOORS	26/11/2015	Following the continued failure of the operating mechanism for these components throughout the complex, please supply as a matter of urgency a) confirmation of the manufacturers proposals to remedy the defects, and b) plans and a programme to return and correct all the defects within a period acceptable to the Board.	
			10/12/2015	Note this defect has become a serious and disruptive operational matter, and should be given priority to secure a solution. GA advised that he had chased TDSL again and he had told them that they need to get a programme in place by 14/12/2015. PM enquired if there is anything in the contract re resolution of this type of matter. DH suggested that as the matter is impacting on the operation of the rooms/hospital then these would be expected to have a 24 hour response period however this may not be practical. GA noted that Schiehallion needs new doors – had previously been advised would be onsite and now advised that the doors haven't been made yet. DH enquired if there was a performance /non availability clause. LJ agreed to raise with GW in case there is something that can be done commercially/through Tim Bicknell to progress this matter. LJ advised that she would provide feedback the following day.	
			14/01/2016	GA advised that BMCL had fitted a sample component to ward 4B. Have looked at it with IP and been advised that the mechanism works as desired. BMCL had agreed to do replacement to level 4, leave for a period of time so can check out the performance. If satisfactory then would programme the works in other areas. MMM Joinery will be carrying out the works. PM advised that the NHS need to understand that MMM have knowledge and experience of encapsulated doors and there is a continuity of working when the works are commenced in ward areas. PM noted concern about MMM Joinery. GA advised that MMM Joinery do not have a door manufacturing facility therefore encapsulated doors, etc will be procured.	
			28/01/2016	GA advised that WIP to level 8. Encapsulated doors - The joiners are creating a sample to be offered to the NHS for sign off. PM advised this would require infection control sign off.	
			11/02/2016	GA advised that works to level 8 would be completed the following day (12/02). GA noted that there had been a preference from DL/PM to monitor the remedial works for 3-4 weeks. Confirmation of way forward to be provided by NHS. GF agreed to liaise with IP to confirm the way forward.	
			25/02/2016	GA noted that the encapsulated door sample was to be offered to the NHS for review. GA advised that at the previous week there had been remedial works carried out to 197 visicom units. A programme for the remainder of the building had been sent to IP. BMCL have a list of the low risk and high risk areas. HAI scribe to be closed out with NHS Infection Control reps.	
			10/03/2016	GA advised that 330 visicoms have now been changed out. Awaiting HAI scribe meeting for high risk areas with NHS Infection Control. JS is liaising with IP to push on directly. GF advised that GF/HMc would meet with Sofie to progress.	
			24/03/2016	GA advised that programme is ongoing and circa 500 units have been remediated. A meeting to discuss/agree the HAI Scribe for the high risk areas has been organised	
			07/04/2016	GA advised that good progress was being achieved with remedial works having been carried out to 650	


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			<p>21/04/2016</p> <p>05/05/2016</p> <p>19/05/2016</p> <p>02/06/2016</p> <p>16/06/2016</p> <p>30/06/2016</p> <p>11/08/2016</p>	<p>units. BMCL are working to the agree HAI Scribe for the high risks areas.</p> <p>GA advised that circa 800 visicoms have now been changed out. The works to the visicom repairs will slow down as the operatives will need to be diverted onto the NCH Roof Garden works.</p> <p>GA noted that over 950 visicoms had now been changed out. GF requested that the sample stickers be provided to the NHS and advised he would raise a PMI requesting this.</p> <p>GA advises that remedial works to over 1000 visicoms had been carried out. GA confirmed that air permeability tests will not be carried out on isolation rooms.</p> <p>GA noted that a further circa 150 visicom units had been remediated leaving circa 100 still to do. GA noted that BMCL had been unable to progress the works to be undertaken in Critical Care by Iain Thomson. GF agreed to liaise with Lynn Pritchard.</p> <p>FS advised that the remedial works were 95% complete with access to critical care being an issue. Infection control are asking for the rooms to be retested – subsequently discussed with Ian Powrie who confirmed that as not a refurb retesting would not be requested. It was noted that a visual inspection of the works could be viewed once completed. GF agreed to liaise with LPritchard. GW advised that the Administrator has requested proof that this is a defect and suggested that it would be beneficial not to repair one so that a rep can be brought to site to review. GF advised that he would email GW to state that this is a fully operational hospital and the product is defective.</p> <p>FS advised that the remedial works were wip. To date the works to the High Line blinds were 90% complete and the Visicoms were 95% complete.</p> <p>FS advised that BMCL had completed all the remedial works that they have been able to access. GF advised that JSullivan has supplied info to IP and asked IP for clarification on a couple of items.</p>	
28016	NHS EWN 065	Rectify issue of no Amenity Lighting between the new Children's Hospital and the Maternity Building	<p>03/12/2015</p> <p>10/12/2015</p> <p>14/01/2016</p> <p>28/01/2016</p> <p>11/02/2016</p> <p>25/02/2016</p> <p>10/03/2016</p>	<p>In the paved area between the West Elevation of New Children's hospital and the Maternity building / new children's park that has been handed over and is used by the public for access there is no provision of amenity/street lighting. Can BMCL please confirm if and when this lighting will be installed as the area is considered non compliant at the moment.</p> <p>GA advised that Wallace Whittle are reviewing the drawing for this area. The bulkhead lights on the maternity elevation are now on however GA was not sure if the matter had been raised in advance of bulkhead lights being switched on. PM enquired if there was any lighting to be put in as part of the NCH Park. GA advised that there was lighting being put in as part of the children's park but only small lights. DH noted that he had a similar concern about the lighting raised to himself as well.</p> <p>GA advised that Gillespies and WWhittle are due to meet on site later that day to review the lighting conditions. Both parties have already been on site. A proposal would be provided to the NHS in due course. HMc noted that the results identified by the NHS were for indication purposes as they may not be accurate as an Ipad lux level app had been utilised.</p> <p>GA noted that the walkround had highlighted a few dark areas (blue light route opposite the BMCL site, NCH Ambulance area, area between Mat &amp; NCH). BMCL will be installing temp lights at their hoarding.</p> <p>GA noted that a revised design was being considered by BMCL consultants. Temporary lighting was being installed the following day (12/2/).</p> <p>GA advised that the lighting had been installed in the area and a revised drawing issued to the NHS for review which shows additional light columns.</p> <p>GA advised that the proposal is with the design team to finalise the cable routes. As soon as finalised then will provide the drawings through the RDD process.</p>	

			24/03/2016	GA advised that he had the positioning of the light columns however he was awaiting the cabling schematic from Wallace Whittle in order to progress.	
			07/04/2016	GA advised that the cabling schematic is awaited however BMCL have ordered the materials. A programme will be provided to the Board in due course.	
			21/04/2016	GA advised that BMCL are awaiting a couple of details from WW to proceed with the works however the instructions to the sub-contractors have been issued. Drawings will be issued to the NHS asap.	
			05/05/2016	GA advised that BMCL now have all the details and would issue the drawings to the NHS on 06/05/2016. BMCL would progress works with Land Eng.	
			19/05/2016	GA advised that PMcG and LJ are dealing with these works and that the drawings had been issued to the NHS for review/sign-off.	
			02/06/2016	GA advised that Paul had sent through his proposal and is working to progress with Land Eng.	
			16/06/2016	DW advised that the drawing had been issues to Mercury and Land Eng for pricing. LJ agreed to pursue the costing info.	
			30/06/2016	GF advised that he had drawings and would pass onto FM and Estates colleagues for info.	
			11/08/2016	FS advised that he would check with LJ if the cost info was available.	

### PROJECT MANAGER'S INSTRUCTION

The following Project Manager's Instructions have been submitted to BMCL and are awaiting close out as 11/08/2016

					
Sypro ID	NHS Ref No	Item	Date Raised /Discussed	Actions	Date Closed Out/Status
5066	PMI 456	RHC – OUTPATIENT DEPARTMENT (Curtains/Blinds)	02/12/2015	<p>Room OPD-015 MEETING ROOM Provide roller blinds to this room as per the signed off (overmarked) blind strategy drawing NA XX 00 PL 321 130 04. (Refer attached extract of drawing).</p> <p>Room OPD-013 INTERVIEW ROOM Provide Gp1 black curtain (CUR1000) and fit to TRA1000 installed by BM. To cover window, e.g curtain drop stops at cill of screen. Refer NA-SZ-00-RD-400 OPDC. Supply and install one way vision film to screen on party wall between rooms OPD-013 and OPD-014, screen Gp1 item and noted in RDS NCH 00 OPD 014 / OBS 301 as one way vision. Vision obscured when looking from OPD-013 to 014. Suggest airport security style film. Please confirm solution prior to installation.</p> <p>Room OPD-014 OBSERVATION ROOM At Board's cost, supply and install TRA 1000 curtain rail and curtain as per room OPD-013. It was noted that this info is with Workspace Design for them to provide a quote. GA noted that LJ has received costs and will upload to Sypro by close of business that day. LJ noted that the costs had been uploaded. PM requested that LJ check that the costs is only for 1</p>	CE to be issued

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			11/02/2016 25/02/2016 10/03/2016	room. GF noted that he would liaise with PM GA noted that 2 outstanding curtains ordered and would be delivered to site within the next 2 weeks. The 1 way film to be onsite the following week. It was agreed item could be closed. <b>GA advised that the mirror film was to be fitted 14<sup>th</sup> March 2016.</b>	
5343	PMI 465	Neurosurgery Overcladding Curtain Rail Modifications	10/02/2016  25/02/2016 10/03/2016 24/03/2016  07/04/2016  21/04/2016  05/05/2016 19/05/2016 02/06/2016 16/06/2016 30/06/2016 11/08/2016	Alterations to curtain tracks abutting new windows  Carryout the removal, modification to track length and refixing of curtain rail in areas where the ends of the rail abut the new / existing windows LJ advised that BMCL are awaiting cost info LJ advised that she is pursuing the cost. GF advised he would liaise with Raymond. GA advised that he had reviewed the cost and was of the opinion that given the number of curtain tracks that the cost is reasonable GA advised that RGalloway had requested a copy of the quotation provided by D&B Facades for review. GF to confirm way forward. GF advised that he would liaise with Raymond Galloway. LJ advised that the MM cost was similar however it may be beneficial to minimise the number of different contractors working in the building. GF advised that he would liaise with Raymond Galloway and provide feedback asap GF advised that review of the cost was ongoing and GF would provide feedback asap. Gf advised that he understood a review of the costs were ongoing by RG and LJ GF to check with RG that costs are acceptable and then provide CE. <b>GF agreed to progress the issue of the CE</b> <b>Agreed item could be closed as CE issued – cross ref CE 182</b>	<b>Cross ref CE 182</b>
5453	PMI 471	ADULT HOSPITAL - WARD 4B/HAEMATO- ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	09/03/2016          10/03/2016  24/03/2016	The Board requests that BMCL establish the feasibility, estimated costs and programme of works in order to achieve the revised specification as listed below  Corridor to be HEPA filtered Bathrooms to be fully sealed Room pressures to be 2.5 -8 PA ACH 6/hr Air Change in prep room 6/hr Entrance to ward to be air locked using double door at front entrance. Exit door (beside room 76) to be sealed and only used as fire exit.  BMCL is also requested to confirm the timescale to complete the feasibility study. GF advised that Steve Russell will be progressing this item since the retirement of PM. GA requested that a meeting be organised with NHS Reps as BMCL have queries regarding the spec provided. The BMCL attendees at this meeting should be GA, LJ, DW and GB. GA advised that a joint meeting between BMCL and NHS Reps had taken place the previous day and the queries had been answered. DWilson has updated the query sheet and issued to DWL and SR. BMCL are progressing with the feasibility and suggest the timeframe for the feasibility outcome will be circa 1 month.	<b>Cross ref PMI 475</b>  <b>Cross ref CE 173</b>  <b>11/08/2016</b>

			07/04/2016	GA advised that BMCL are in the process of carrying out the feasibility study and anticipate this being concluded in 2-3 weeks time. GA noted that there had been some outstanding queries as the Infection Control rep had not been able to attend the user group meeting. BMCL would be proposing options.	
			21/04/2016	GA advised that DWilson would be issuing the feasibility report with indicative costs to DWL on 22/04/2016.	
			05/05/2016	GA advised that the feasibility study had been submitted and feedback is awaited. GF agreed to chase up SRussell.	
			02/06/2016	GA advised that the air handling unit supplier for Mercury are working on an alternate solution as previous proposal does now not comply with new EU legislation.	
			16/06/2016	DW advised that BMCL are awaiting the costing from the AHU manufacturer and Mercury are chasing the cost info. Mercury propose to check with another supplier. DW noted that there was a query regarding warranty – if change the AHU then may lose the Barkel warranty however there was only a short warranty period now left. GW requested a CE for the design fees and then for the PMI to be closed.	
			11/08/2016	FS advised that no feedback had been received from the NHS. It was noted that CE 173 had been issued and accepted for the design fees. It was agreed that this item should be closed and should NHS wish to proceed this can be instructed under a separate PMI.	
5566	PMI 475	ADULT HOSPITAL - WARD 4B/HAEMATO-ONCOLOGY WARD - ALTERATION TO BOARD REQUIREMENTS	04/04/2016	The Board confirm acceptance of the design fees as identified for PMI 475 and request that BMCL progress PMI 471 (i.e. establish the feasibility, estimated costs and programme of works to achieve the revised spec as agreed by DWL)	11/08/2016
			30/06/2016	LJ advised that the costs had been updated to include the Barkel costs which had previously been omitted from the quote due to the costs being awaited.	
			11/08/2016	As above. Item closed	
5647	PMI 478 -	Alterations to Childrens Roof Gardens	22/04/2016	In accordance with Clause 61.1 progress with the alterations to the Children's Roof Garden 1) Increase height of fence to a height of 2.4m above finished level with an inward spay of 400mm (see sketch detail) 2) Remove wire trellis and eye bolts as indicated on sketch. 3) Remove 2No, mounds and replace with astro turf to same level as surrounding. 4) Remove planters and replace with astro turf to same level as surrounding. Works to be complete on or before 1st June.	
			19/05/2016	It was noted that the works are ongoing	
			02/06/2016	GA advised that the works were substantially complete. GF noted that he would be reviewing the lock/latch covers with PMcG later that day.	
			16/06/2016	It was noted that the CE for this item had been issued and subsequently accepted therefore this item could be closed.	
5681	PMI 479 -	QEUH - IPS Remedial works	29/04/2016	The Board requests that BMCL provide a cost for the secure fixing of IPS Panels which have dispensers fitted by the Board. The Board anticipate that circa 4000 IPS Panels will require to be securely fixed.	Cross ref CE 183
			05/05/2016	GF confirmed that the larger screws should be used to fix the IPS Panels.	
			19/05/2016	GA noted that the costs have been uploaded to Sypro for NHS review	



			02/06/2016 16/06/2016 30/06/2016 11/08/2016	GF acknowledged receiving the costs and advised that he would need to discuss the costs with DLoudon as DL was of the view that this matter is a defect. GW requested a CE for the works. GF agreed to progress the issue of the CE It was noted that the CE for this item had been issued and subsequently accepted therefore this item could be closed. Cross ref CE 183	
5951	PMI 480	Alterations to QEUH Acute Assessment Ward	24/06/2016 11/08/2016	The Board requests that Brookfield provide a cost for alterations within the QEUH Acute Assessment Ward as detailed on the attached sketch. FS advised that BMCL have received the drawing from the architect and forwarded onto WW, etc. The builder's work element is out for pricing. LJ is awaiting a response to a query sent to SR.	
5952	PMI 481 -	Uplift Existing Floor Screed within the Existing Entrance Area	15/06/2016 30/06/2016 11/08/2016	In accordance with Clause 61.1 proceed with the uplift of the existing screed within the Entrance Area of the Neurosurgery Building. Refer to attached marked up sketch for locations It was noted that this matter was with BMCL to progress GF advised that he would discuss with RG	
6001	PMI 482 -	High-level blinds - Instruction stickers	06/07/2016 11/08/2016	The Board request that BMCL provide a cost for the supply and installation of instruction stickers for the high level blinds as discussed at the Early Warning meetings. FS advised that the sticker installation has been progressing in line with the remedial works.	
6111	PMI 483	Neurosurgery Overcladding - External Lights	27/07/2016	Supply only 4No Bulkhead light fittings to fire exits and FM entrance of the Neurosurgery Building. These will match those installed on main NSGH project. Installation costs already included within the Target Cost.	

## COMPENSATION EVENTS

Sypro ID	NHS Ref No	Item	Date Raised/discussed	Actions	Date Closed Out/Status
21714	CE 184	Alterations to QEUH Acute Assessment Ward	10/08/2016	The Board confirm acceptance of the design fees identified for PMI 480 - Alterations to QEUH Acute Assessment Ward and request BMCL to provide a cost and programme for the alterations as detailed on the sketch.  Agreed cost [REDACTED] inc of OH&P but ex VAT (Design Fees only)	

## Other items that require discussion:

- Energy Centre works (heating to Labs) – DW advised that BMCL cannot do the works and PM requested that BMCL advise what they require from the NHS (23/07/2015) DW suggested that BMCL would raise this item as a EW. It was noted that PM and DW would be meeting with A Gallagher on 03/08/2015 which may assist to resolve this matter



(30/07/2015) PM noted that this item was still to be discussed with AGallagher – PM was scheduled to meet with AG the following day (06/08/2015) GA advised that JM has been working in the energy centre for the majority of the week. JM had difficulty co-ordinating everyone who needed to be involved in the test. GA advised that JMiller is linking in with IP and that GA will get a run down of all the works and will split out the different elements and provide update. (13/08/2015) GA noted that an update had been provided earlier that day. The information had all been provided for the IPowrie SEPA report. There was some BMCL works to be concluded before EC is handed back over to NHS Estates Dept (27/08/2015) DW advised that he would issue an EW. NHS Estates have a couple of barrel to change, etc. The boilers are going back up to temperature on 17/09/2015 as agreed with Zurich (17/09/2015) Heating to Labs – it was noted that DW is to liaise with IP. Energy Centre works – DW advised that the boilers are back up to temperature as per design. Zurich are in possession of all the information so they can issue the MTHW certificate. DH enquired about the CHPs and DW noted that the issue is being resolved now by Adina (24/09/2015) DW advised that the boilers are all back on and running to temp. BMCL are awaiting information from IP (01/10/2015) DW noted that there had been no further progress on this matter – BMCL are awaiting confirmation from IPowrie – BMCL require the NHS to clean their pipework prior to connection. (12/11/2015) GA advised that DW could be asked to provide an update by email (26/11/2015) GA noted that DW had advised that a programme of works is still awaited from IP. DH advised that he was meeting with IP on 11/12/2015 and would raise this matter with IP. (10/12/2015) DW advised that he would provide an update asap – DW was due to meet with IP the next day (14/01/2016) It was noted that IP had confirmed that he would get the system cleaned asap (28/01/2016) GF agreed to discuss with IP – IP to clean the system in advance of BMCL changing the valves over (11/02/2016) It was noted that this had been discussed between DW and IP on 22/02/2016. It had been agreed that CDowson should get H&V to carry out the cleaning works (25/02/2016) GA noted that CDowson is organizing for H&V to clean the system. Confirmation of the works being completed is awaited (10/03/2016) GA advised that BMCL re awaiting CDowson to flush the labs heating system and DWilson is liaising with CDowson regarding this. (07/04/2016) GA advised that BMCL are still awaiting the system top be cleaned by the NHS (21/04/2016) GF noted that there was a meeting to discuss the Energy Centre scheduled to take place the following day (05/05/2016) G noted that meetings are ongoing and that there is a meeting scheduled to take place on 8<sup>th</sup> June 2016. (02/06/2016) **DW suggested that this note should be concluded the following week – action is currently on DBratney. (16/06/2016)**

- Labs Block – solar shading fin – GF noted that a solar shading fin had been shattered during previous replacement and enquired when BMCL proposed to replace the fin. GA advised that he was not aware of this defect. (02/06/2016) HMc agreed to liaise with CPurdon regarding back ground to this (30/06/2016) **GF advised that he had a picture of the damaged solar shading fin and would provide to FS. (11/08/2016)**
- Car park 4 – completion date 24<sup>th</sup> June – it was noted that PMcG had advised that BW/Planning permission has not been granted and this needs to be confirmed to the NHS asap so that an internal decision can be taken. (16/06/2016) FS noted that there was 11 conditions of which 8 had been discharged. The 3 remaining conditions related to a) emissions survey which Land Eng are working on, b) contaminated land certification which the Contamination Land Officer had signed off and c) Landscaping completion and Land Eng would confirm these dates on the basis of the planting season. In relation to the Building Warrant – BMCL had been unable to contact the Building Control officer therefore were unable to obtain the completion certificate. FS advised that GBurnett and PMcGuinness would progress these matters whilst FS was on annual leave (30/06/2016) **FS advised that he had sent an update email to DWL. Meeting with Building Control potentially scheduled to take place tomorrow (Friday 12/08/2016 at 11am).**
- VIE works programme – GF noted that DBratney is seeking an update as to when the alterations will be carried out. FS advised that BMCL were now in receipt of the final piling design and would provide info asap. (30/06/2016) **FS advised that the piling design had been completed and they he understood there may be service diversions to be undertaken. GF agreed to liaise with DB. (11/08/2016)**
- Doors drawings – GF advised that he would be raising a PMI instructing BMCL to review the doors. (11/08/2016)
- Chilled beam/dew point control – GF advised that there had been incidences of flooding in some of the rooms noting that the control strategy had been reviewed as part of the works. (11/08/2016)
- Discolouration of floor coverings (ground and first floor) – GF noted that this required to be reviewed by NHS and BMCL (11/08/2016)
- **Water ingress at A & B side of primary sub-station at car park 1 – GF requested that BMCL review and liaise with Estates for access (11/08/2016)**



SCOTTISH HOSPITALS INQUIRY  
**Bundle of documents for Oral hearings commencing from 13 May 2025 in  
relation to the Queen Elizabeth University Hospital and the Royal Hospital for  
Children, Glasgow**  
**Bundle 32 – Early Warning (EW) Trackers**