SCOTTISH HOSPITALS INQUIRY

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

Bundle 47 – Volume 2

Ward 4C – Drawings and Room Data Sheets

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SCOTTISH HOSPITALS INQUIRY

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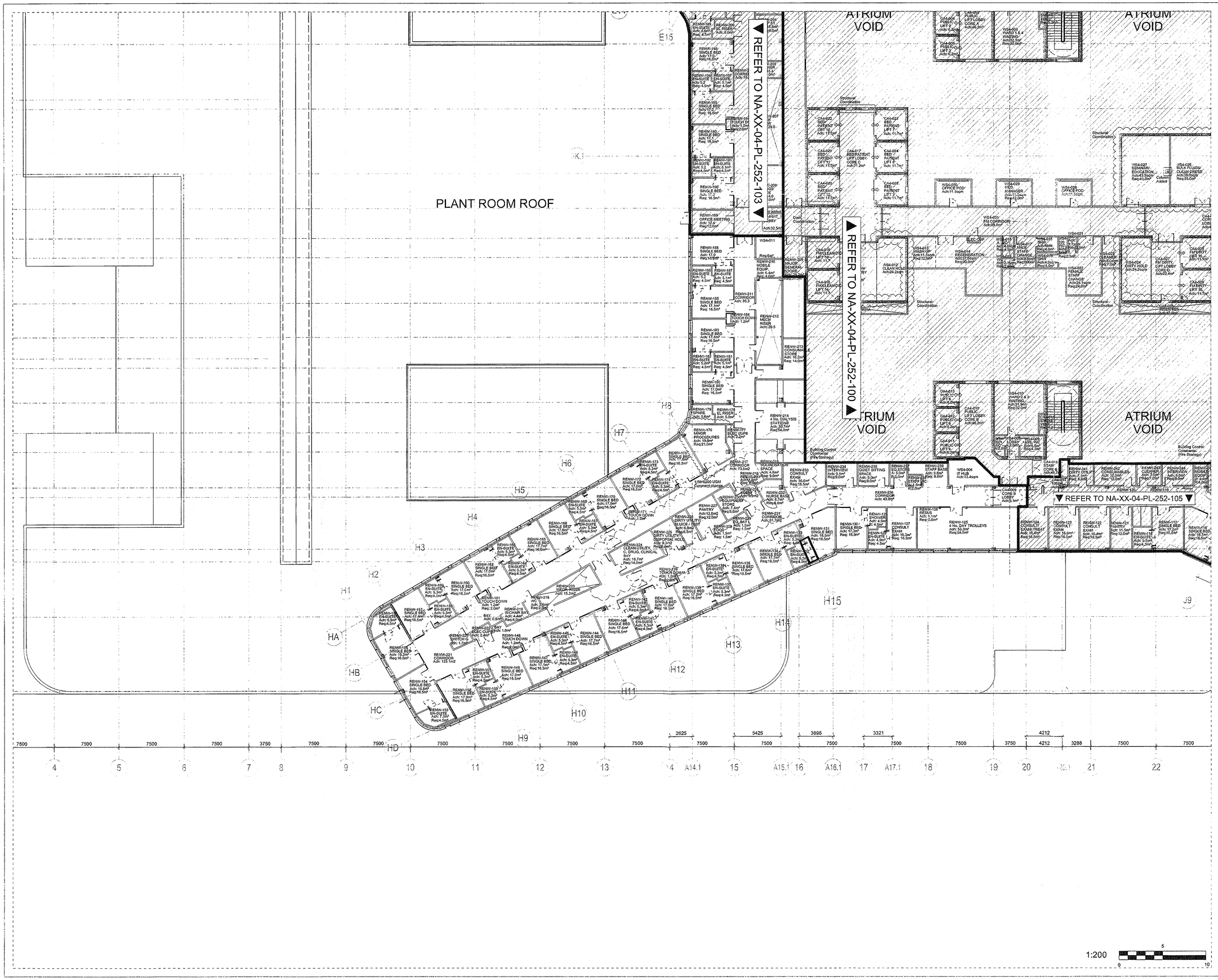

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Designer Identification of Hazard/Risk

X TYPE YOUR NOTES HERE

EN SUITE DOORS
DOUBLE DOOR NOT BI FOLD.

Rev	Date	Drw	Revision Notes	Chk	App
05	22/09/10	CQ	Updated from 1:50 UGM comments. Issued for Appendix K (FBC)	GH	X
04	27/08/10	CQ	Coordination of room number & room area with SoA. Coordination comments included following Board Structural review. 1:200 amendments arising from 1:50UGM's	AB	AB
03	30/07/10	GO	Plan amended as bubbled, revised for M&E services and Structural coordination, including any 1:200 comments from the 1:50 User Group Meetings	AB	AB
02	14/06/10	MD	General amendments & Coordination post 1:200 UGM's	AB	AB
01	15/04/10	MD	FIRST ISSUE	AB	AB

NSGH Project
(Full Business Case) FBC APPENDIX K

	BROOKFIELD	NSGH BOARD
Name:	D Smith	F Wraith
Date:	25/11/10	12/10/10
Sign:	[redacted]	[redacted]
Status: (A or B)	B	B

Client

NHS Greater Glasgow and Clyde [redacted] 15/10/2010

Contractor

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Project
NEW SOUTH GLASGOW HOSPITALS
(NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
RENAL WARD AND
DAY CASE WARD (1 of2)

Job No	Drawn	Checked	Approved
09080	MD	MD	MD
Status: Design Development		Date: 02/09/09	Scale@A1: 1:200

Drawing No

Origin	Zone	Level	Type	Content	Sequential	Rev
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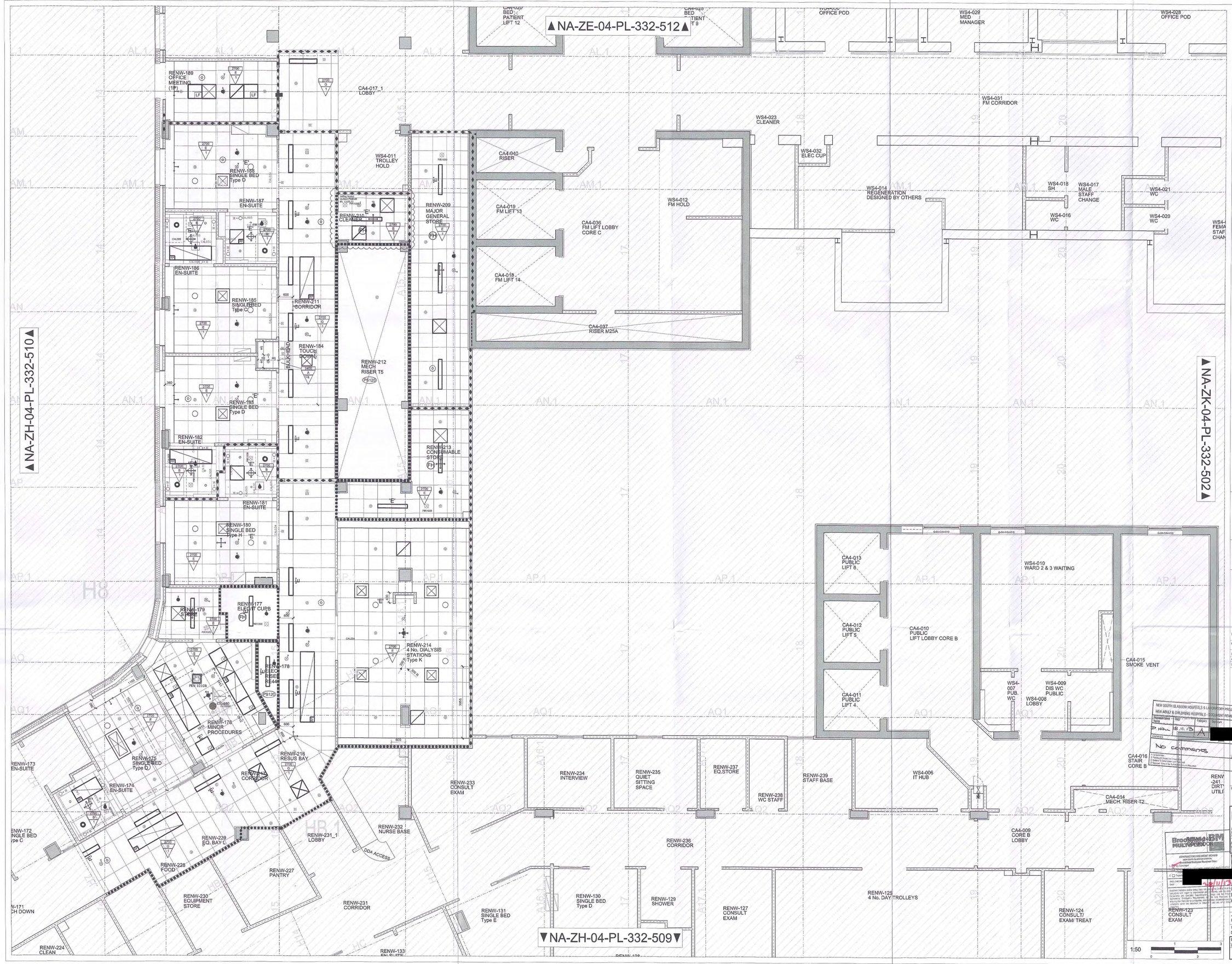

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Designer Identification of Hazard/Risk

- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

Note:
CEILING TYPE
CEILING FINISHES
MECHANICAL SERVICES
LIGHTING SERVICES
BULKHEAD
CEILING SETTING OUT
CEILING MOUNTED SERVICES/EQUIPMENT
SIGNAGE
PARTITION PERFORMANCE

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-280-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-280-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-WIP-RCP_08

NEW SOUTH GLASGOW HOSPITALS
07 NOV 2013

Rev	Date	Drw	Revision Notes	Chk	App
D	22.10.13	AC	Drawing hatch out area updated to new departmental boundary	JL	EW
C	12.09.13	ML	Revised and re-issued following PM9-226	JL	EW
B	21/12/12	ML	Construction Issue for PG3 (T3)	LE	EW
A	20/07/12	ML	Construction Issue for PG3	LE	EW

NEW SOUTH GLASGOW HOSPITALS & LABORATORY PROJECT
NEW ADULT & CHILDREN'S HOSPITALS - DOCUMENT REVIEW
No comments

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Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW
Status	Date	Scale@A0	
CONSTRUCTION	20/07/12	1:50	

Drawing No						Rev.
Origin	Zone	Level	Type	Content	Sequential	
NA	ZH	04	PL	332	511	D

A52743281

▲NA-ZH-04-PL-332-511▲

▲NA-ZH-04-PL-332-509▲

A52743281

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CEILING TYPE

BULKHEAD

CEILING SETTING OUT

CEILING MOUNTED SERVICES/EQUIPMENT

CEILING FINISHED

MECHANICAL SERVICES

LIGHTING SERVICES

PARTITION PERFORMANCE

REFERENCE DRAWINGS
STRUCTURAL
X:WSP-SZ-04-PL-200-WIP-STRUCTURAL_30
X:WSP-SZ-XX-PL-200-WIP-GRID_05
M+E
X:M/E-XX-04-PL-332-AS_BUILT_Z1

Rev	Date	Drw	Revision Notes	Chk	App
Z1	26/11/14	ML	ISSUED FOR AS BUILT	ML	JL
C	19/05/13	ML	Corridor layouts revised for fire door strategy, re-issued for T3	LE	EW
B	21/12/12	ML	Construction issue for PG3 (T3)	LE	EW
A	25/07/12	ML	Construction issue for PG3	LE	EW

Brookfield MULTIPLEX BM

CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
A [ ] No Comment
B [X] Noted subject to comments; correct and resubmit within 7 B
C [ ] Re
[redacted]
BMCL CHE
DATE

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Project
NEW SOUTH GLASGOW HOSPITALS
(NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW

Status	1st Drawn Date	Scale@A0
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Drawing No							Rev
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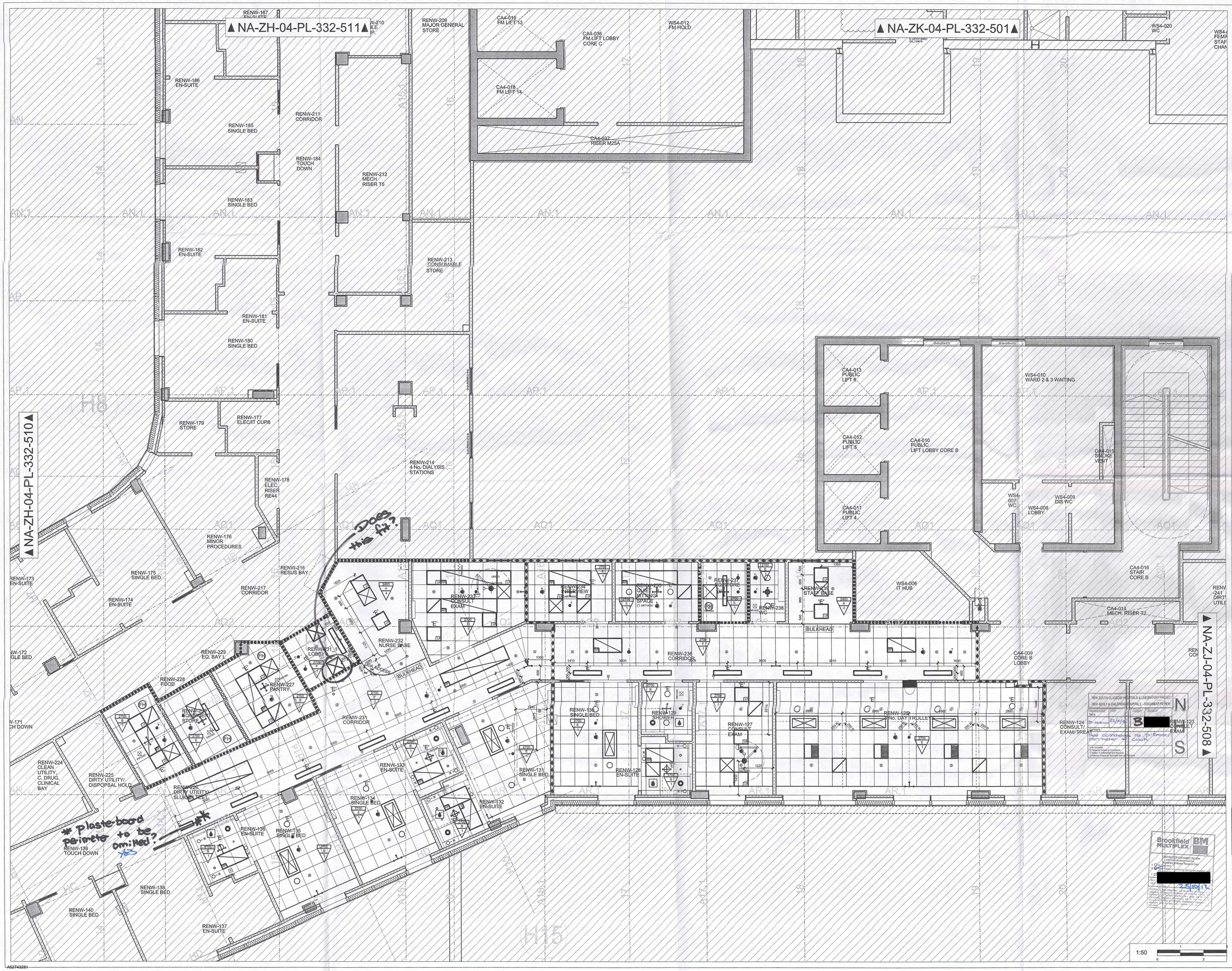

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Note:

CEILING TYPE

CEILING FINISHES

MECHANICAL SERVICES

LIGHTING SERVICES

PARTITION PERFORMANCE

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-260-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-260-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-WIP-RCP_05

NEW SOUTH GLASGOW HOSPITALS
- 3 AUG 2012

Rev	Date	Drw	Revision Notes	Chk	App
A	25/07/12	ML	Construction Issue for PG3	LE	EW

Client: NHS Greater Glasgow and Clyde

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Project: NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title: FOURTH FLOOR PLAN NSGH RENAL INPATIENTS & DAY UNIT CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW
Status: CONSTRUCTION		Date: 20/07/12	Scale(s) @ A0: 1:50

Drawing No							Rev
Origin	Zone	Level	Type	Content	Sequential		
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A52743281

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NA-ZJ-04-PL-332-506
NA-ZJ-04-PL-332-507
NA-ZH-04-PL-332-509
WS4-022 FEMALE STAFF CHANGE
WS4-019 SH
CA4-027 FM LIFT LOBBY CORE D
WS4-024 FM HOLD
CA4-028 FM LIFT 16
CA4-038 RISER M25
RENW-273 PRINTER/IT & ADMIN STORE
RENW-274 PRINTER/IT & ADMIN STORE
RENW-272 PRINTER/IT & ADMIN STORE
RENW-061 EN-SUITE
RENW-062 EN-SUITE
RENW-063 SINGLE BED Type D
RENW-271 CORRIDOR
RENW-270 MECH / RISER T13
RENW-064 TOUCH DOWN
RENW-065 SINGLE BED Type C
RENW-066 EN-SUITE
RENW-067 EN-SUITE
RENW-068 SINGLE BED Type N
RENW-267 OFFICE & WORK STATIONS AREA
RENW-242 CONSUMABLES
RENW-071 ELECIT CUPB
RENW-070 EN-SUITE
RENW-285 CONSUMABLE STORE
RENW-069 ELEC RISER RE41
RENW-072 SINGLE BED Type D
RENW-253 RESUS
RENW-073 SINGLE BED Type E
RENW-074 EN-SUITE
RENW-262 CORRIDOR
RENW-076 SINGLE BED Type D
RENW-077 TOUCH DOWN
RENW-254 DIRTY UTILITY/ DISPOSAL HOLD
RENW-255 CLEAN UTILITY G.DRUG/CLINI
RENW-108 TOUCH DOWN
RENW-109 SINGLE BED Type C
RENW-107 SINGLE BED Type D
RENW-110 EN-SUITE
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RENW-113 SINGLE BED Type E
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RENW-115 EN-SUITE
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RENW-248 CORRIDOR
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RENW-249 EQUIPMENT
RENW-248.1 LOBBY
RENW-250 EQ. BAY
RENW-251 FOOD
RENW-252 PANTRY
RENW-253 DIRTY UTILITY ANCE / DES
DDA ACCESS
BULKHEAD
CA4-013 PUBLIC LIFT 8
CA4-012 PUBLIC LIFT 5
CA4-011 PUBLIC LIFT 4
CA4-010 PUBLIC LIFT LOBBY CORE B
CA4-015 SMOKE VENT
WS4-010 WARD 2 & 3 WAITING
WS4-007 PUB. WC
WS4-009 DIS WC / PUBLIC
WS4-008 LOBBY
CA4-016 STAIR CORE B
WS4-006 IT HUB
CA4-014 MECH RISER T2
CA4-009 CORE B LOBBY
RENW-240 CORRIDOR
RENW-266 CONSULT EXAM
RENW-244 RECEPTION
RENW-245 CLEANING
RENW-246 CLEAN UTILITY
RENW-125 4 NL DAY TROLLEYS
RENW-124 CONSULT/ EXAM / TREAT
RENW-123 CONSULT EXAM
RENW-122 CONSULT EXAM
RENW-121 PANTRY
RENW-120 FOOD TROLLEY
RENW-119 EQUIP. BAY L
RENW-118 EN-SUITE
RENW-117 SINGLE BED Type E
Brookfield MULTIPLEX
CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
A No Comment
B Noted subject to comments; correct and resubmit within 7 Bu
C Rejec
BMCL CHEC
DATE:
Brookfield Multiplex review status does not absolve the Consultant of its obligations with regard to coordination and conformity with the other Consultants and specialist Subcontractors design and the Project Agreements, Employer's Requirements and the cost plan and for ensuring that there are no ambiguities, discrepancies, inconsistencies or omissions within this document or between it and any other design document.
MECHANICAL SERVICES
PARTITION PERFORMANCE
REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-269-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-269-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-AS_BUILT_Z1
Z1 26/11/14 ML ISSUED FOR AS BUILT ML JL
C 10/06/13 ML Atrium wall amended & Casing Layouts revised and re-issued for T3 LE EW
B 21/02/13 ML Construction issue for PO3 (T3) LE EW
A 25/07/12 ML Construction issue for PO3 LE EW
Rev Date Drw Revision Notes Chk App
NHS
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Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT
Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN
Job No 09080
Drawn ML
Checked LE
Approved EW
Status AS BUILT
1st Drawn Date 20/07/12
Scale@A0 1:50
Drawing No
Origin Zone Level Type Contract Sequential
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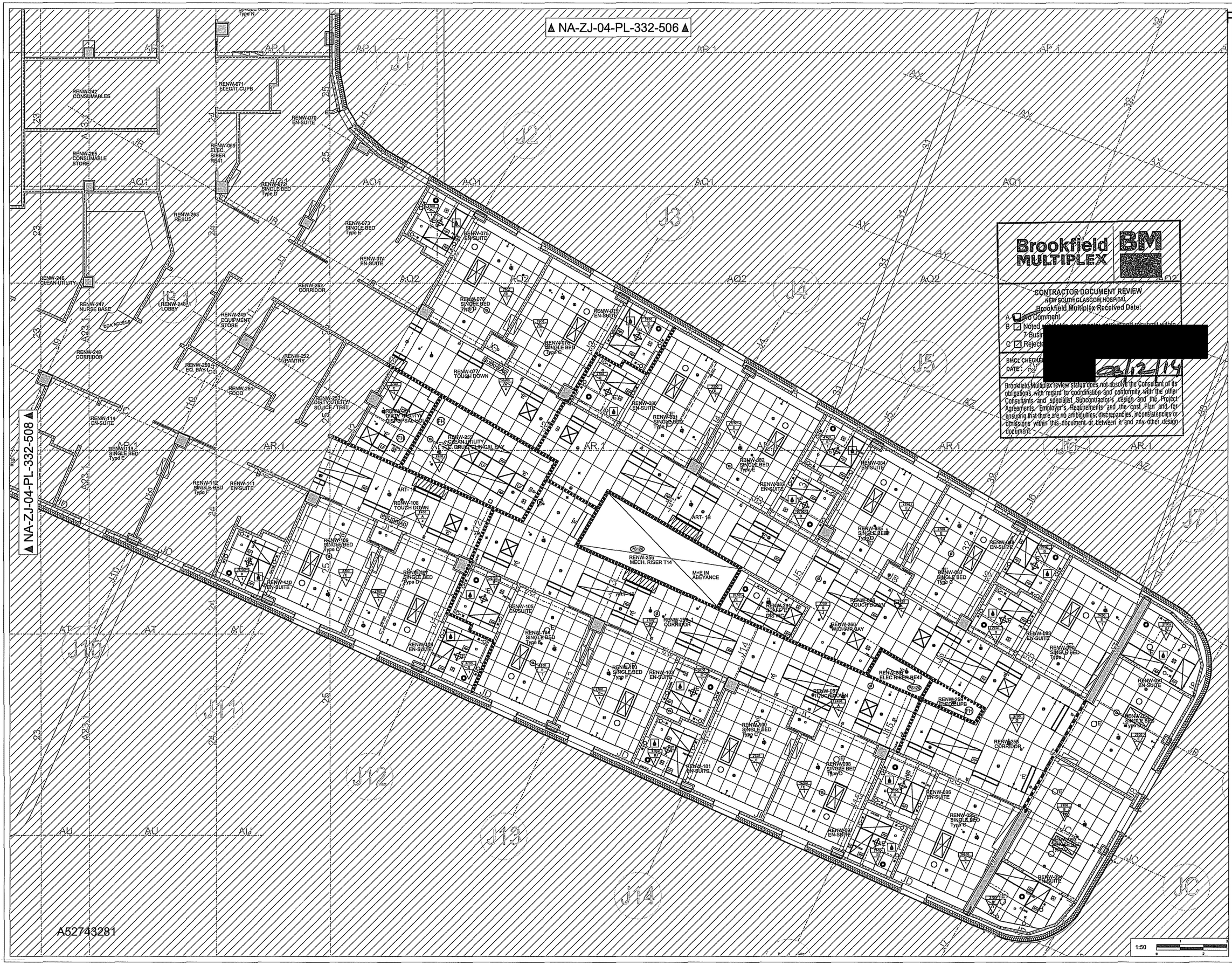
Rev Z1
1:50

A52743281



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CEILING TYPE

BULKHEAD

CEILING SETTING OUT

CEILING MOUNTED SERVICES EQUIPMENT

CEILING FINISHES

MECHANICAL SERVICES

LIGHTING SERVICES

PARTITION PERFORMANCE

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-260-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-260-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-AS_BUILT_Z1

Rev	Date	Drn	Revision Notes	Chk	App
Z1	28/11/14	ML	ISSUED FOR AS BUILT	ML	JL
C	10/06/13	ML	Corridor layouts revised for fire door strategy, re-issued for T3	LE	EW
B	21/12/12	ML	Construction issue for PG3 (T3)	LE	EW
A	20/07/12	ML	Construction issue for PG3	LE	EW

Brookfield MULTIPLEX BM

CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
A ☐ No Comment
B ☐ Noted [redacted]
C ☑ Rejec[redacted]
BMCL CHECKE[redacted]
DATE: [redacted] 28/12/14

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Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW
Status: AS BUILT		1st Drawn Date: 20/07/12	Scale@A0: 1:50

Drawing No

Origin	Zone	Level	Type	Content	Sequence	Rev
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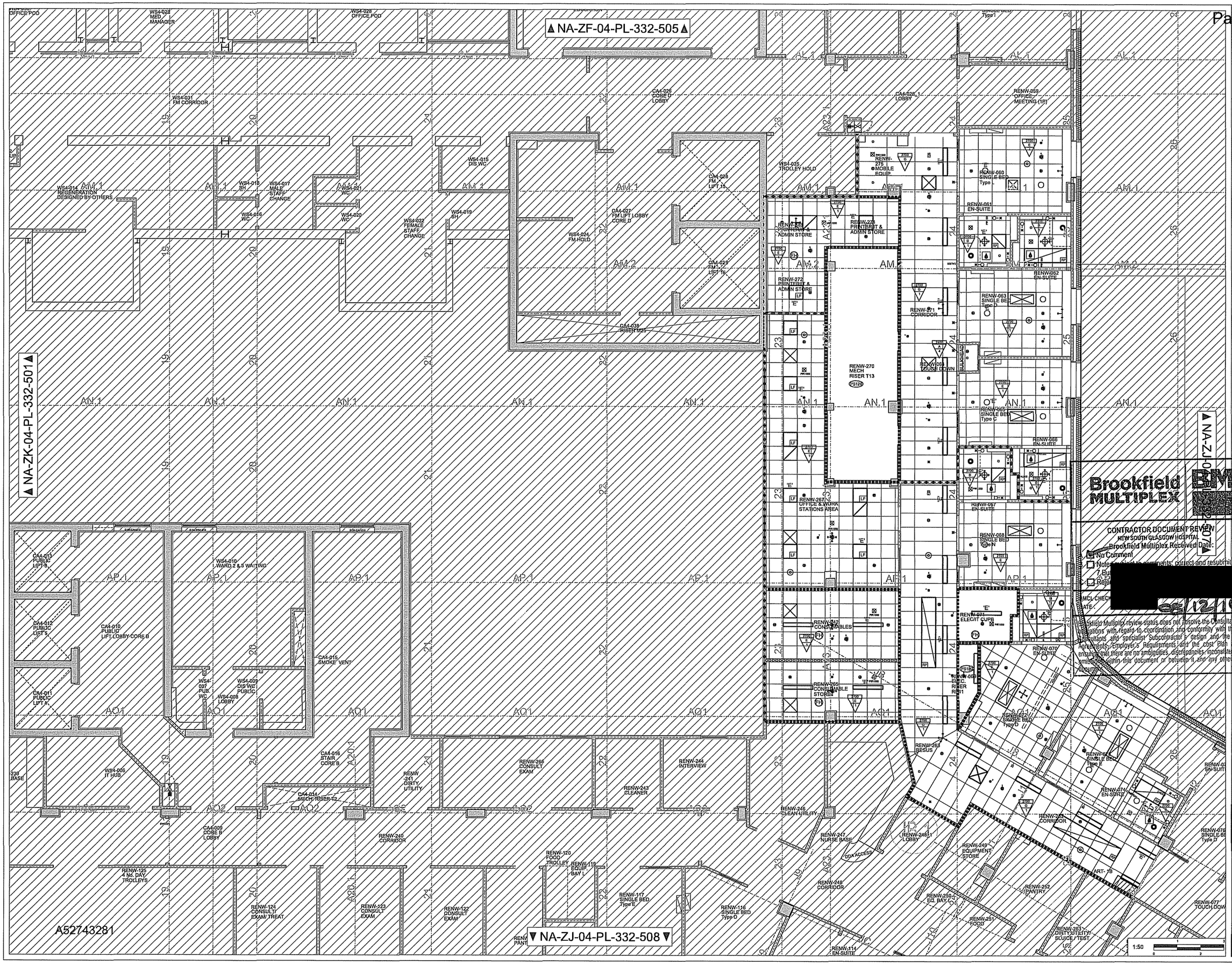
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NA-ZJ-04-PL-332-508
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WS4-028 OFFICE POD
WS4-031 FM CORRIDOR
CA4-026 CORE D LOBBY
CA4-028_1 LOBBY
RENW-059 OFFICE MEETING (1P)
WS4-014 REGENERATION DESIGNED BY OTHERS
WS4-018 SH
WS4-017 MALE STAFF CHANGE
WS4-021 WC
WS4-016 WC
WS4-020 WC
WS4-022 FEMALE STAFF CHANGE
WS4-019 SH
WS4-015 DIS.WC
WS4-024 FM HOLD
CA4-027 FM LIFT LOBBY CORE D
CM-028 FM LIFT 15
CM-029 FM LIFT 16
CA4-038 RISER M25
WS4-025 TROLLEY HOLD
RENW-275 MOBILE EQUIP
RENW-060 SINGLE BED Type L
RENW-061 EN-SUITE
RENW-272 PRINTER/IT & ADMIN STORE
RENW-271 PRINTER/IT & ADMIN STORE
RENW-062 EN-SUITE
RENW-063 SINGLE BED Type D
RENW-271 CORRIDOR
RENW-270 MECH RISER T13
RENW-065 TOUCH DOWN
RENW-065 SINGLE BED Type C
RENW-066 EN-SUITE
RENW-257 OFFICE & WORK STATIONS AREA
RENW-067 EN-SUITE
RENW-068 SINGLE BED Type N
RENW-242 CONSUMABLES
RENW-071 ELEC/IT CUPB
RENW-070 EN-SUITE
RENW-265 CONSUMABLE STORE
RENW-069 ELEC. RISER RS11
RENW-072 SINGLE BED Type D
RENW-263 BESUS
RENW-073 SINGLE BED Type E
RENW-074 EN-SUITE
RENW-075 EN-SUITE
RENW-076 SINGLE BED Type D
RENW-077 TOUCH DOWN
RENW-202 CORRIDOR
RENW-246/1 LOBBY
RENW-249 EQUIPMENT STORE
RENW-252 PANTRY
RENW-250 EQ. BAY L
RENW-251 FOOD
RENW-253 DIRTY UTILITY/ SLUICE / TEST
RENW-114 EN-SUITE
RENW-248 CORRIDOR
RENW-247 NURSE BASE
RENW-246 CLEAN UTILITY
DDA ACCESS
RENW-244 INTERVIEW
RENW-243 CLEANER
RENW-269 CONSULT EXAM
RENW 241 DIRTY UTILITY
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CA4-014 MECH RISER T2
CA4-015 PUBLIC LIFT 8
CA4-012 PUBLIC LIFT 5
CA4-010 PUBLIC LIFT LOBBY CORE B
CA4-011 PUBLIC LIFT 4
WS4-010 WARD 2 & 3 WAITING
CA4-015 SMOKE VENT
WS4-009 DIS WC PUBLIC
WS4-008 LOBBY
WS4-006 IT HUB
CA4-009 CORE B LOBBY
RENW-240 CORRIDOR
RENW-125 4 No. DAY TROLLEYS
RENW-124 CONSULT/ EXAM/ TREAT
RENW-123 CONSULT EXAM
RENW-122 CONSULT EXAM
RENW-120 FOOD TROLLEY
RENW-119 EQUIP BAY L
RENW-117 SINGLE BED Type E
RENW-116 SINGLE BED Type D
ART-7B
A52743281
1:50
Brookfield MULTIPLEX
CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
No Comment
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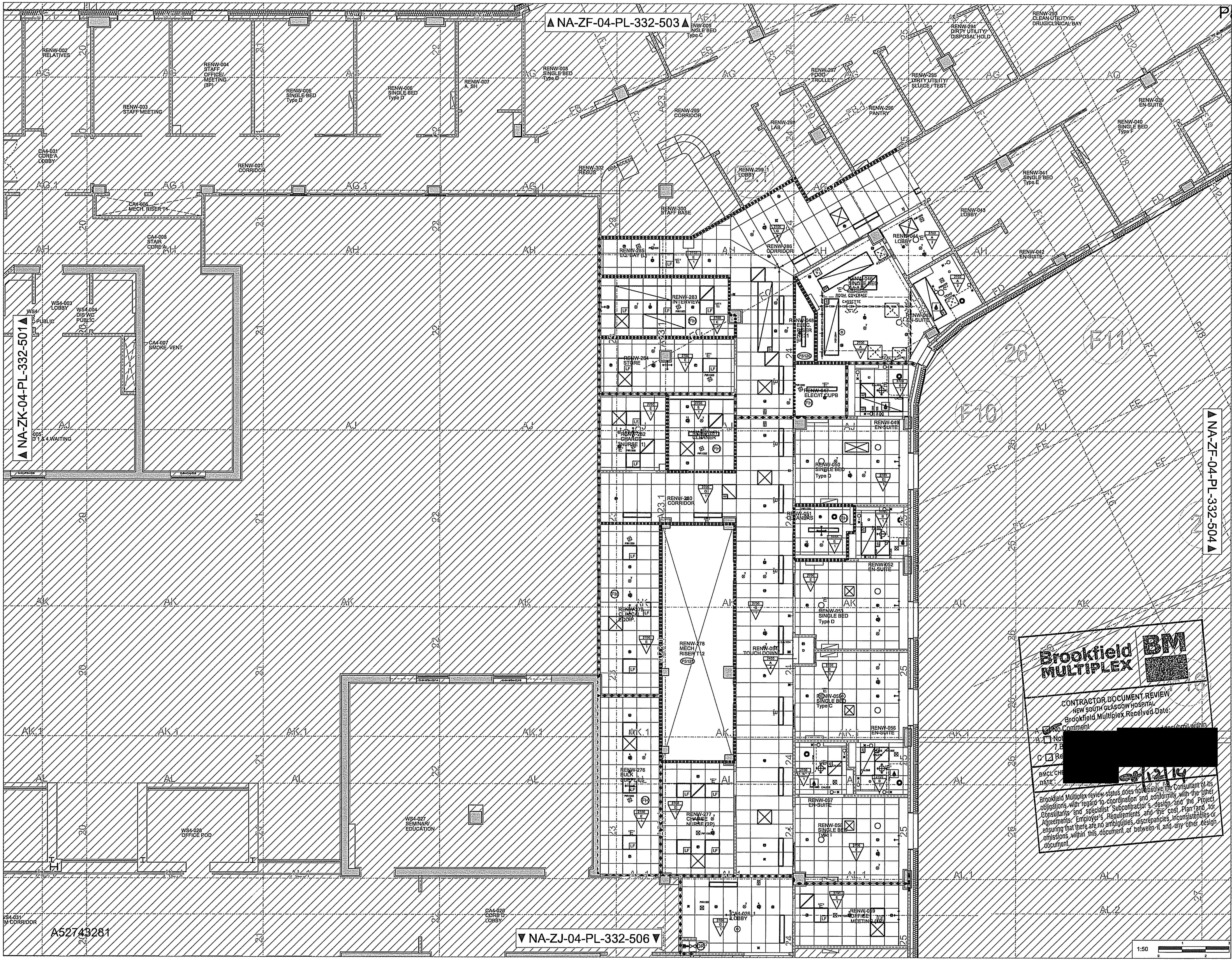
Drawing No
Group NA Zone ZJ Level 04 Type PL Centre 332 Sequence 506
Rev Z1



A52743281

Page 11

CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
A ☑ No Comment
B ☐ Not [redacted]
7 B
C ☐ Re
BMCL CHE
DATE: [redacted] /12/14

Brookfield Multiplex review status does not absolve the Consultant of its obligations with regard to coordination and conformity with the other Consultants and specialist Subcontractor's design and the Project Agreements, Employer's Requirements and the cost Plan and for ensuring that there are no ambiguities, discrepancies, inconsistencies or omissions within this document or between it and any other design document.

Notes:
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Designer Identification of Hazard/Risk
- Indicates a Residual Risk requiring a Compulsory Action
- Indicates a Residual Risk for Information
- Indicates a Residual Risk requiring a Prohibitive Action
- Indicates a Residual Risk as a Warning

CEILING TYPE

ART-1B
ART-1C
ART-3A

BULKHEAD

CEILING SETTING OUT
- CEILING SET-OUT POINT FROM CENTRE OF SPACE IN FOUR DIRECTIONS
- CEILING SET-OUT POINT FROM EDGE OF SPACE IN THREE DIRECTIONS
- CEILING SET OUT FROM CENTRE OF SPACE OR POINT IN TWO DIRECTIONS

CEILING MOUNTED SERVICES/EQUIPMENT

CEILING FINISHES

MECHANICAL SERVICES

LIGHTING SERVICES

PARTITION PERFORMANCE

CODE X FROM Xm AFFL TO Xm AFFL

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-250-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-250-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-AS_BUILT_Z1

Rev	Date	Drw	Revision Notes	Chk	App
Z1	28/11/14	ML	ISSUED FOR AS BUILT	ML	JL
D	06/03/14	ML	HOIST GRAPHIC & M+E UPDATED TO RENW-046	LE	EW
C	12/12/13	ML	HOIST GRAPHIC UPDATED TO RENW-046	LE	EW
B	21/12/12	ML	Construction Issue for PG3 (T3)	LE	EW
A	25/07/12	ML	Construction Issue for PG3	LE	EW

NORTH

Client
NHS

Contractor
Brookfield MULTIPLEX

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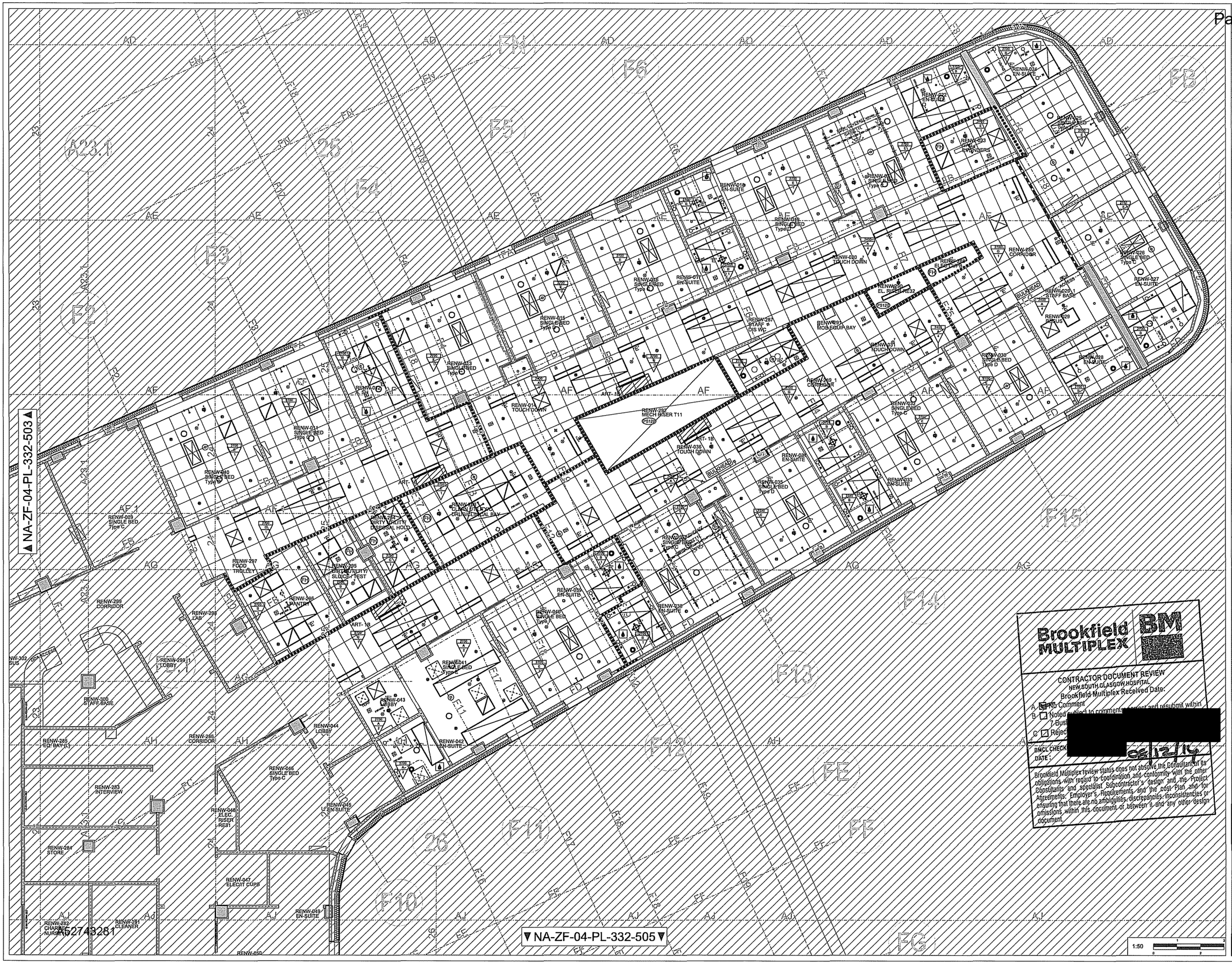
Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW
Status: AS BUILT		1st Drawn Date: 20/07/12	Scale@A0: 1:50

Origin	Zone	Level	Type	Content	Sequential	Rev
NA	ZF	04	PL	332	505	Z1

1:50



Brookfield MULTIPLEX BM

CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:

A ☒ No Comment
B ☐ Noted subject to comments [redacted] and resubmit within 7 Busi[redacted]
C ☐ Reject[redacted]

BMCL CHECK [redacted]
DATE : [redacted] 08/12/14

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Notes:
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CEILING TYPE
CEILING SETTING OUT
CEILING FINISHES
MECHANICAL SERVICES
LIGHTING SERVICES
PARTITION PERFORMANCE

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-200-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-200-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-AS-BUILT_Z1

Rev	Date	Drw	Revision Notes	Chk	App
Z1	26/11/14	ML	ISSUED FOR AS BUILT	ML	JL
E	04/03/14	ML	HOIST GRAPHICS & AHE UPDATED TO REN(W-021/REN(W-037	ML	JL
D	12/12/13	ML	HOIST GRAPHICS UPDATED TO REN(W-021/REN(W-037	ML	JL
C	19/09/13	ML	Corridor layouts revised for fire door strategy, re-issued for T3	LE	EW
B	21/12/12	ML	Construction issue for PG1 (T2)	LE	EW
A	25/07/12	ML	Construction issue for PG3	LE	EW

Client: NHS

Contractor: Brookfield MULTIPLEX BM

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www.nightingaleassociates.com

Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

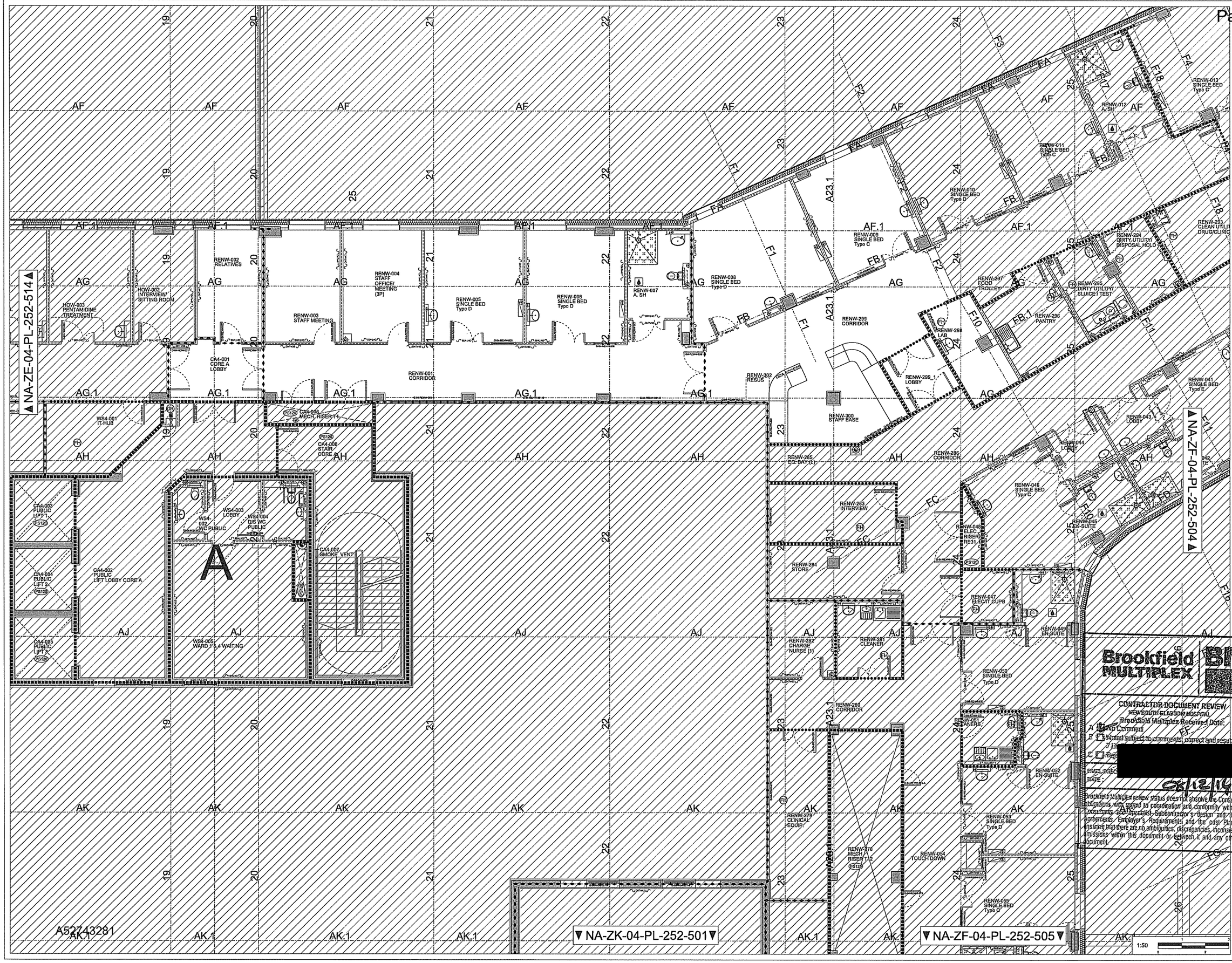
Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09060	ML	LE	EW

Status	1st Drawn Date	Scale@A0
AS BUILT	20/07/12	1:50

Drawing No

Origin	Zone	Level	Type	Context	Sequence	Rev
NA	ZF	04	PL	332	504	Z1



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X TYPE YOUR NOTES HERE

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PARTITION FIRE RATINGS

- 0 FR / FULL HEIGHT
- 30 MINUTES FIRE RESISTANT
- 60 MINUTES FIRE RESISTANT
- 120 MINUTES FIRE RESISTANT
- DR — DRY RISER OUTLET
- FH — FIRE HAZARD ROOM. ALL WALLS & DOORS MIN 30MINS FR
- PS60 — PROTECTED SHAFTS AND VERTICAL ENCLOSURES WITH 60 MINUTES FIRE RESISTANCE & DOORS TO BE MINIMUM 30MINS FIRE RESISTANCE.
- PS120 — PROTECTED SHAFTS AND VERTICAL ENCLOSURES WITH 120 MINUTES FIRE RESISTANCE & DOORS TO BE MINIMUM 60MINS FIRE RESISTANCE.
- FFS — FIRE FIGHTING SHAFT. 2HR FIRE RESISTANCE WITH 1 HOUR & 1 HOUR FIRE RESISTANCE TO DOOR
- SPRINKLER SYSTEM

PARTITION ACOUSTIC RATINGS

- DnTw+47 — WALL SYSTEM ACHEIVING DnTw47 SITE RATING & RWW LAB RATING
- DnTw+42 — WALL SYSTEM ACHEIVING DnTw42 SITE RATING & RWW LAB RATING
- DnTw+37 — WALL SYSTEM ACHEIVING DnTw37 SITE RATING & RWW LAB RATING
- DnTw+35 — WALL SYSTEM ACHEIVING DnTw35 SITE RATING & RWW LAB RATING

REFER TO ACOUSTIC STRATEGY FOR DOOR ACOUSTIC REQUIREMENTS

OTHER PARTITION REQUIREMENTS

- MOISTURE RESISTANT BOARD
- ZONE 3 FROM 2m AFFL TO 6m AFFL — RADIATION PROTECTION REQUIREMENT
  - CODE 2= 0.90mm LEAD
  - CODE 3= 1.50mm LEAD
  - CODE 4= 1.50mm LEAD
  - CODE 5= 2.25mm LEAD
  - CODE 6= 2.70mm LEAD
- SECURITY PARTITION

ASSUMED PARTITION BUILD-UP

- PARTITIONS ARE 132mm UNLESS OTHERWISE SPECIFIED
- 50 (min 25mm) — COLUMN ENCASEMENT DETAIL

STRUCTURAL SLAB INFORMATION
(refer to SE drawings for details and setting out requirements)

- INDICATES SLAB RECESS
- INDICATES MANHOLE
- INDICATES MOVEMENT JOINT

REFERENCE DRAWINGS

EXTERNAL FACADE
AR:XX-04-PL-231_Ext Fourth

MEP
X-ZZP-SZ-04-PL-320-WIP-Fourth Ballroom Plan-ZF_05

STRUCTURAL
X-WSP-SZ-XX-PL-200-WIP-GRID_05
X-WSP-SZ-04-PL-200-WIP-STRUCTURAL_32
X-WSP-SZ-04-PL-220-WIP-SLAB_10

Z1	12/11/2014	EPF	ISSUED FOR AS BUILT	AC	EW
D	11/05/13	GDB	POST SWEEP UP AMENDMENTS AT MAIN ATRIUM GLAZING; SETTING OUT DRAWING NUMBER ADDED. FR UPDATED IN ROOMS RENW-294 (D U) & RENW-296 (PANTRY).	LE	EW
C	15/03/13	GDB	POST SWEEP UP AMENDMENTS IN RENW SINGLE BEDROMS (005/006/008/009) - RENAL PANEL DETAIL CO-ORDINATION. RENW-006 (SINGLE BEDROOM) BOX OUT SIZE AMENDED	LE	EW
B	04/01/13	GDB	UPDATE TO SWEEP UP RECO-ORDINATION, BUILDING CONTROL COMMENT AND DOOR CO-ORDINATION	LE	EW
A	30/03/12	GDB	REVISED TO SHOW FIRE, ACOUSTIC, MOISTURE & RADIATION STRATEGIES AND TO SHOW SETTING OUT OF; - PARTITIONING - BOX-OUTS - OPENINGS	LE	EW
	23/02/12	ML	Issued for Stage B (2%) sanitary setting out (combined slab programme)	LE	EW
	Date	Drw	Revision Notes	Chk	App

Contractor: Brookfield MULTIPLEX BM

Architect: NIGHTINGALE ASSOCIATES architects
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Client: NHS

Checked: NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title: FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
INTERNAL SETTING OUT PLAN

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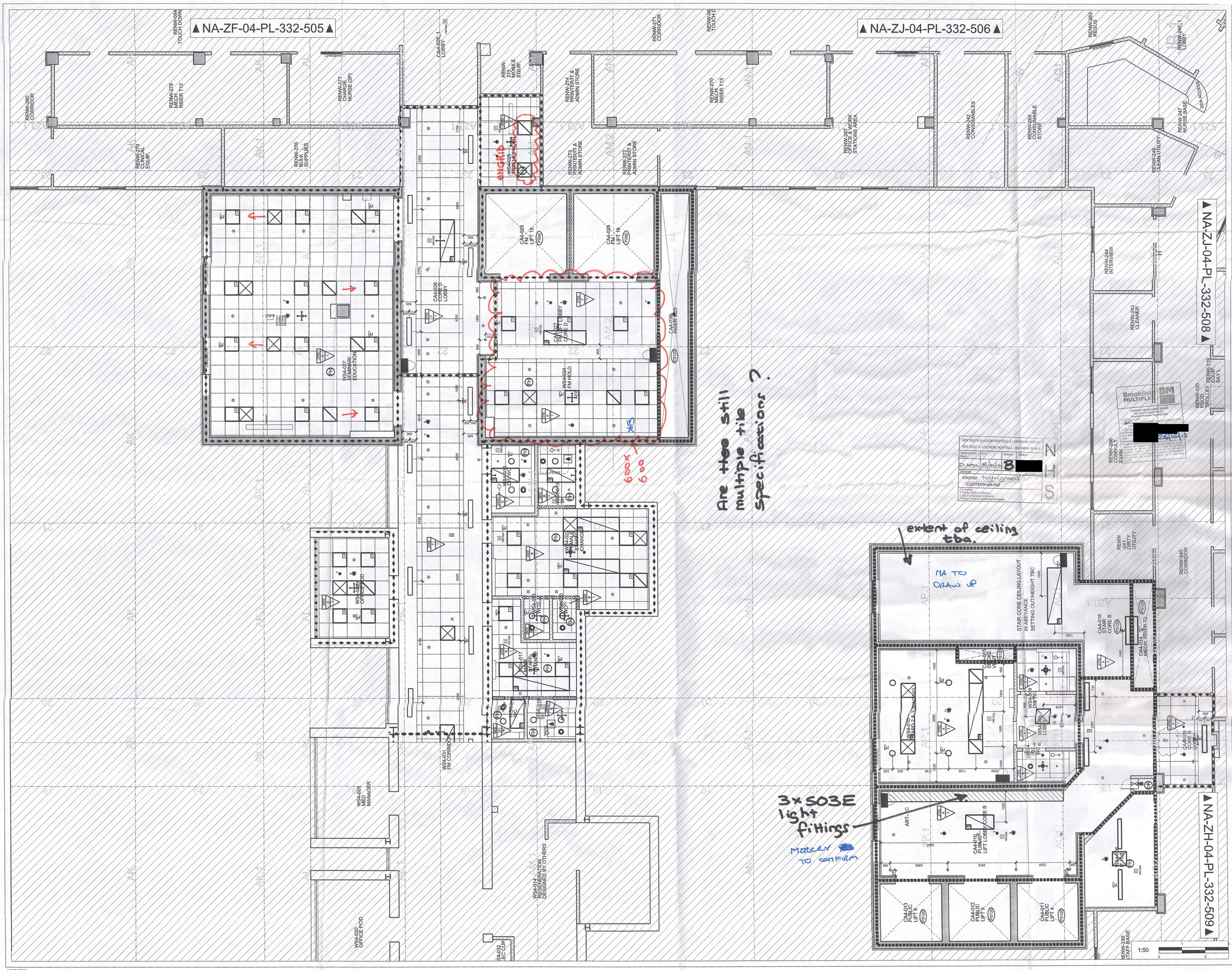
[redacted]



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- Indicates a Residual Risk as a Warning

Note:

CEILING TYPE

1. PLASTERBOARD CEILING – 12.5mm PLASTERBOARD SCREWED WITH CONCEALED JOINS AT FIXING, NORMAL DUBBITY (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH FIRE RESISTANCE)
2. SUSPENDED METAL CEILING SYSTEM – 12.5mm PLASTERBOARD SCREWED WITH CONCEALED JOINS (WITH FIRE RESISTANCE) (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
3. 600x600mm MINERAL FIBRE TILES – SUSPENDED METAL CEILING SYSTEM (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
4. 600x600mm MINERAL FIBRE TILES – SUSPENDED METAL CEILING SYSTEM (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
5. 600x600mm MINERAL FIBRE TILES – SUSPENDED METAL CEILING SYSTEM (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
6. 150x150mm SUSPENDED MINERAL TILE PLANKS – SUSPENDED METAL CEILING SYSTEM (WITH FIRE RESISTANCE) (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
7. 300x300mm SUSPENDED MINERAL TILE PLANKS – SUSPENDED METAL CEILING SYSTEM (WITH FIRE RESISTANCE) (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)
8. SUSPENDED TIMBER STRUCTURE CEILING SYSTEM – (WITH BACKLINING, BACKTIN, BATTENS AND CLADDING) (WITHIN FIRE CONCEALED SUPPORT SYSTEM) (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1)
9. TIMBER BRESTPANEL – (WITH BACKLINING, BACKTIN, BATTENS AND CLADDING) (CONSULTANTS RECOMMENDATION ONLY) (WITH FIRE CONCEALED SUPPORT SYSTEM)
10. 600x600mm GLASS BLOCK – (WITH FIRE LINING – BOOTH DESIGN & AS PER ACCURATE CONSULTANTS RECOMMENDATIONS)
11. 6 MM REGULAR METAL CEILING PANEL SYSTEM – (WITH CONCEALED GRID SETOUT IN SAME FORMATION) (WITH FIRE RESISTANCE) (WITH ACCURATE CONSULTANTS CHARTS SUPPLIED BEFORE) (NO CLASS 1 SURFACE SPREAD OF FLAME)
12. 50MM MODULE METAL CEILING PANEL SYSTEM – (WITH CONCEALED GRID SETOUT) (NO CLASS 1 SURFACE SPREAD OF FLAME) (WITH 60 CATEGORY 1 & 2)

CEILING FINISHES

1. PAINTWORK (NEW) FINISH (CL.1 SURFACE SPREAD OF FLAME)
2. ANTIPATHIC FINISH FINISH – (CLASS 1 SURFACE SPREAD OF FLAME) (WITH ANTIPATHIC PROPERTIES)
3. WATER BASED ACRYLIC EMULSION (NORMAL EMULSION PAINT)
4. WATER BASED ACRYLIC EMULSION (NORMAL EMULSION PAINT) (WITH ANTIPATHIC PROPERTIES)
5. ATTICAL CEILING FINISH BY SPECIALISTS (CLASS 1 SURFACE SPREAD OF FLAME)
6. STRUCTURAL METAL CEILING FINISH REQUIRED BY ALL SYSTEMS (SUSPENDED SEALANT, APPLIES TO ENTIRE OF ALL VIDEO, SOUND, LIGHTING, ACCESS, ETC. SYSTEMS) (ALLOWS EXPLORED ENTIRELY OF THE ABE ENGINEER)

MECHANICAL SERVICES

FOR FULL KEY & SPECIFICATION OF MECHANICAL SERVICES REFER TO MECHANICAL DRAWINGS

- CEILING MOUNTED DIFFUSER PANEL (REFER TO M & E DETAILS)
- CEILING BEAM (REFER TO M & E DETAILS)
- CEILING MOUNTED SUPPLY GRILLE (REFER TO M & E DETAILS)
- TRUNK CANOPY TRUNK CANOPY LONG RUN (REFER TO M & E DETAILS)
- CEILING MOUNTED EXTRACT GRILLE (REFER TO M & E DETAILS)
- SUSPENDED FLAMPS (REFER TO M & E DETAILS)

LIGHTING SERVICES

FOR FULL KEY & SPECIFICATION OF LIGHTING SERVICES REFER TO ABE CLARK

- CEILING LIGHT (REFER TO M & E DETAILS)
- FIRST LIGHT (EITHER) – CEILING MOUNTED (REFER TO M & E DETAILS & FOR THE ABE ENGINEER) – WALL MOUNTED (REFER TO M & E DETAILS & FOR THE ABE ENGINEER)
- CEILING LIGHT (REFER TO M & E DETAILS)
- CEILING MOUNTED LIGHT (REFER TO M & E DETAILS)
- CEILING MOUNTED PROJECTOR
- CEILING MOUNTED PROJECTOR

PARTITION PERFORMANCE

- FIRE RESISTANCE RATING
- RADIATION PROTECTION REQUIREMENT
- CODE X FROM Xm AFFL TO Xm AFFL
- MOISTURE RESISTANCE REQUIREMENT
- FIRE – FULL VISIBLE
- 30 MINUTES FIRE RESISTANT
- 60 MINUTES FIRE RESISTANT
- 120 MINUTES FIRE RESISTANT
- SOUND ABSORPTION
- SECURITY CAMERA
- SPRINKLER HEAD
- MARKING DECORATION
- KNEE DETAILING
- MUSO – SECURITY JOINT REQUIRED

REFERENCE DRAWINGS
STRUCTURAL
X-WSP-SZ-04-PL-260-WIP-STRUCTURAL_30
X-WSP-SZ-XX-PL-260-WIP-GRID_05
M+E
X-ME-XX-04-PL-332-WIP-RCP_05

NEW SOUTH GLASGOW HOSPITALS
- 3 AUG 2012

Rev	Date	Drw	Revision Notes	Chk	App
A	25/07/12	ML	Construction Issue for IPG3	LE	EW

Client: NHS

Contractor: Brookfield MULTIPLEX BM

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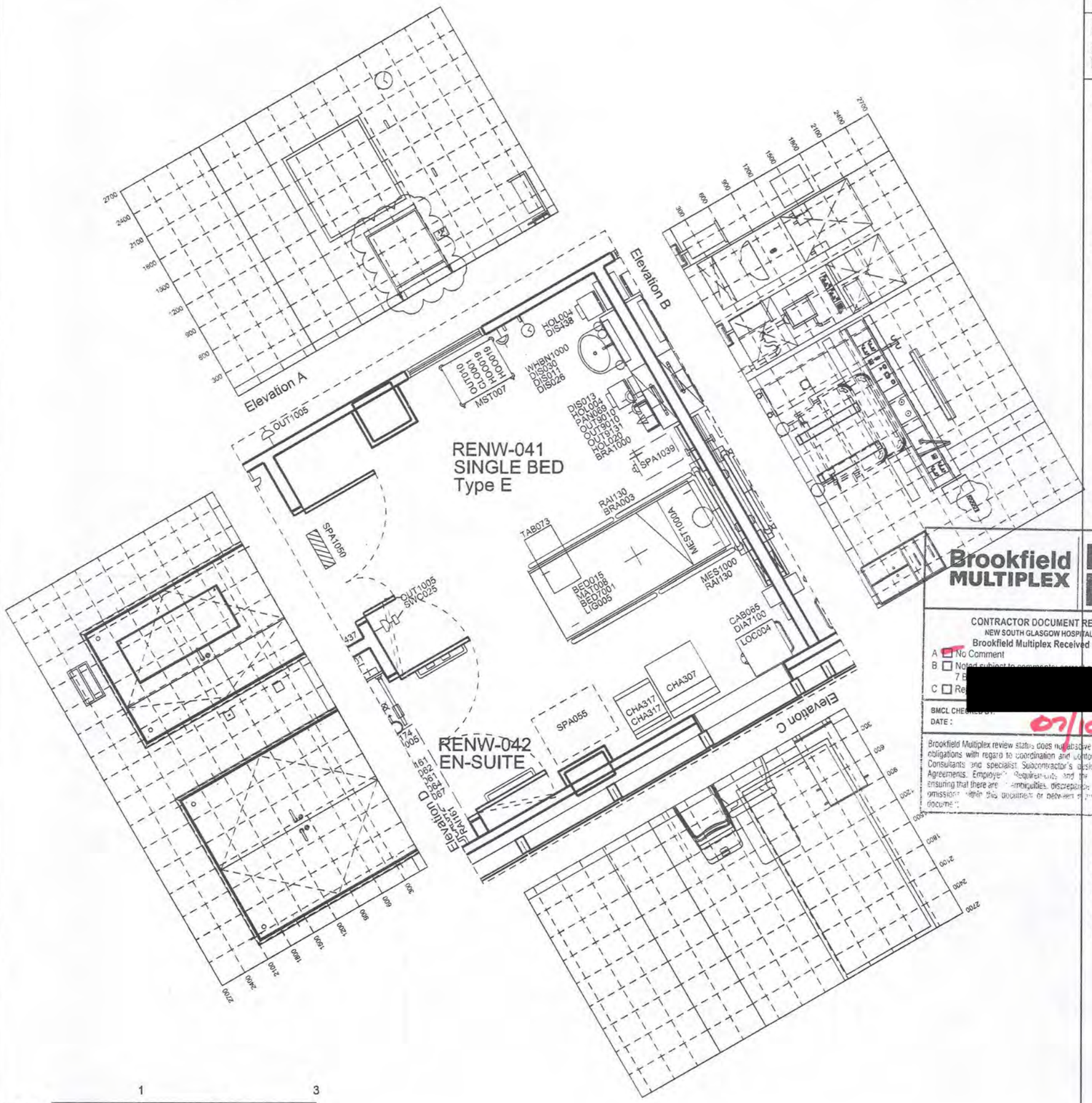
Project
NEW SOUTH GLASGOW HOSPITALS
(NSGH) PROJECT

Drawing Title
FOURTH FLOOR PLAN
NSGH RENAL INPATIENTS & DAY UNIT
CEILING & SOFFIT PLAN

Job No	Drawn	Checked	Approved
09080	ML	LE	EW
Status		Date	Scale@A0
CONSTRUCTION		20/07/12	1:50

Drawing No							Rev
Origin	Zone	Level	Type	Content	Sequential		
NA	ZK	04	PL	332	501		A

A52743281



Acute single bedroom (incl family & clinical support space)

Briefing Code - B0305A2

Required Area - 20.0
Designed Area - 20.4

Equipment Schedule

Grp	ADB No	Qty	Description
3	BED015	1	BED variable height, two-way tilt, adjustable backrest and knee-break, built-in bed extension with mattress retainer, electrically operated, on castors, 380-780H 2260/2430L 1000W
1	BED7001	1	BED HEAD BUFFER/DOCKING device, bed and wall protection, vertical, to design
2	BRA003	1	BRACKET, holder, suction unit, wall mounted
2	BRA1000	1	Bracket for sharps bin
2	CAB065	1	CABINET, drugs, self dispensing medication, lockable, wall mounted, 315H 210W 155D
3	CHA307	1	CHAIR, easy, high back, with open arms, upholstered, wipeable
3	CHA317	2	CHAIR, upright, upholstered, stacking, wipeable
2	CLO001	1	CLOCK battery, wall mounted
2	DIA7100	1	DIAGNOSTIC SET; wall mounted; comprising of a transformer; ophthalmoscope; auriscope; orascope; aneroid sphygmomanometer; complete. Incorporating fixing mechanism; transformer and OUT059. 50Hx200Wx50D
2	DIS011	1	DISPENSER, barrier cream, disposable single cartridge, wall mounted
2	DIS013	1	DISPENSER, paper towel, wall mounted
2	DIS026	1	DISPENSER, Medical hand sanitizer, lever action, wall mounted
2	DIS030	1	DISPENSER, soap, disposable single cartridge, lever action, wall mounted
2	DIS438	1	DISPENSER, disposable gloves set of 4 and disposable apron, wall mounted
3	HOL004	2	HOLDER, sack, with lid foot operated, small, freestanding
3	HOL020	1	HOLDER, sharps box, up to 7 litre capacity, trolley hang or wall mounted, 170H 125W 100D
2	HOO019	2	HOOK, single, small, wall mounted
1	LIG005	1	LUMINAIRE, bedhead, dimmable, patient reading and general nursing care/examination
3	LOC004	1	LOCKER, bedside, 4 compartment with lockable section drawer, towel rail at rear, on castors, with patient hanging space and integrated lockable medicine, 902H 485W 485D
3	MAT008	1	MATTRESS, suitable for BED015
1	MES1000	1	MEDICAL SERVICE COLUMN, dropper.
1	MEST1000A	1	MEDICAL SERVICE TRUNKING, adult inpatient bed/trolley space, to HTM 08-03 requirements - 1 No. BED025 (1) MEDICAL SUPPLY UNIT, may include socket and parking bracket/clip for patient handset and bedside light controls - 1 No. CAL012 (1) RESET UNIT, with repeat lamp, patient/staff call - 1 No. CAL043 (1) PUSH BUTTON patient/staff call with socket for extension pear push, trunking mounted - 1 No. CAL047 (1) PUSH BUTTON staff emergency call, reset and integral/adjacent indicator lamp, trunking mounted - 1 No. ECS1001 (1) INFRASTRUCTURE for ENTERTAINMENT SYSTEM; to client specification - 4 No. OUT012 (1) SOCKET outlet switched 13amp twin, trunking mounted - 2 No. OUT131 (1) SOCKET outlet double data/voice, wall/trunking mounted - 1 No. OUT470 (1) OUTLET, oxygen, medical - 1 No. OUT475 (1) OUTLET, vacuum, medical - 2 No. SWC1002 (1) Space for light switch. - 1 No. TRU1001 (1) MEDICAL SERVICE TRUNKING, horizontal, length as drawn.
		1	TROLLEY, computer, lockable, closed, with worktop, approx 900H 660W 500D, 600mm facing
		1	SOCKET outlet, switched, 13 amp, twin
		1	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted
		2	SOCKET outlet, switched, 13 amp, twin, renal panel.
		1	SOCKET outlet double data/voice, wall/trunking mounted, renal panel.
1	PAN069	1	PANEL media, clinical, for satellite dialysis machine, wall mounted, including water osmosis point, soil stack point and integen earthing point.
1	RAI130	2	RAIL, clinical equipment, wall mounted, 600mm
3	SPA055	1	Space for bed/reclining chair
3	SPA1039	1	SPACE, renal haemodialysis machine
1	SPA1050	-	SPACE, Pressure Stabilizers -M&E to confirm opening size.
		1	600 x 130 mm
1	SWC025	1	SWITCH, light
3	TAB073	1	TABLE, overbed, cantilevered
1	WHBN1000	1	WASH BASIN, clinical, with non touch panel mounted taps - 1 No. BAS101 (1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D. HTM64 BHM - 1 No. OUT052 (1) CONNECTION UNIT, switched, 13 amp - 1 No. TAP594 (1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation. HTM64TBH6 - 1 No. WAS100 (1) WASTE, unslotted flush plated, metal, 1. 1/4 In. HTM64WT1 - 1 No. WAS1000 (1) TRAP, concealed waste, for back outlet basins.

Brookfield MULTIPLEX BM

CONTRACTOR DOCUMENT REVIEW
NEW SOUTH GLASGOW HOSPITAL
Brookfield Multiplex Received Date:
A ☐ No Comment
B ☐ Noted subject to comments
C ☐ Re[redacted]
BMCL CHECKED BY:
DATE : 07/10/13

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NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT
NEW ADULT & CHILDRENS HOSPITALS DOCUMENT REVIEW

Representative Name	Date	Category	Signature
D. HALL	11/09/13	A	[redacted]

Comment

A No Comment
B Processed Subject to Amendment
C Subject To Amendment and Resubmit
D Rejected. Amend the Submitted Item and Resubmit

NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT
FILE REF
ACTION
COMMENTS
OCT 2013

Notes:
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Indicates a Residual Risk as a Warning

Rev	Date	Drw	Revision Notes	Chk	App
C	29/08/13	CL	PMI 228 NSGH 4/F Wards Alteration	LE	EW
B	15/03/13	KA	UPDATED TO SWEEP-UP MEETING CO-ORDINATION	CL	EW
A	08/06/12	SK	UPDATED TO NHS RDD DESIGN STRATEGY & UPDATED TO M&E CO-ORDINATION & ISSUED FOR CONTRUCTION	CL	EW
05	28/09/11	AV	UPDATED TO BM COMMENTS	A+B	EW
04	07/09/11	MS	FIRST ISSUE WITH ELEVATIONS	A+B	EW
03	13/10/10	MNK	UPDATED TO BOARD'S COMMENTS ON EQUIPMENT GROUP AND EQUIPMENT UNION	A+B	EW
02	28/09/10	MNK	UPDATED TO UGM COMMENTS: ISSUED FOR APPENDIX K (FBC)	A+B	EW
01	09/08/10	MS	FIRST ISSUE FOR 1:50 USER GROUP MEETINGS	A+B	EW

Client: NHS Greater Glasgow and Clyde

Contractor: Brookfield

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www.nightingaleassociates.com

Project
NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title
RENAL 20 BED HIGHER ACUITY
NSGH-04-RENW-041
Acute single bedroom (incl family & clinical support space)

Job No	Drawn	Checked	Approved
09080	CO	DL	EW

Status	Date	Scale@A3
CONSTRUCTION	14/07/2011	1:50

Drawing No						Rev
Origin	Zone	Level	Type	Content	Sequential	
NA	SZ	XX	AS	400	001-10	C

Notes:
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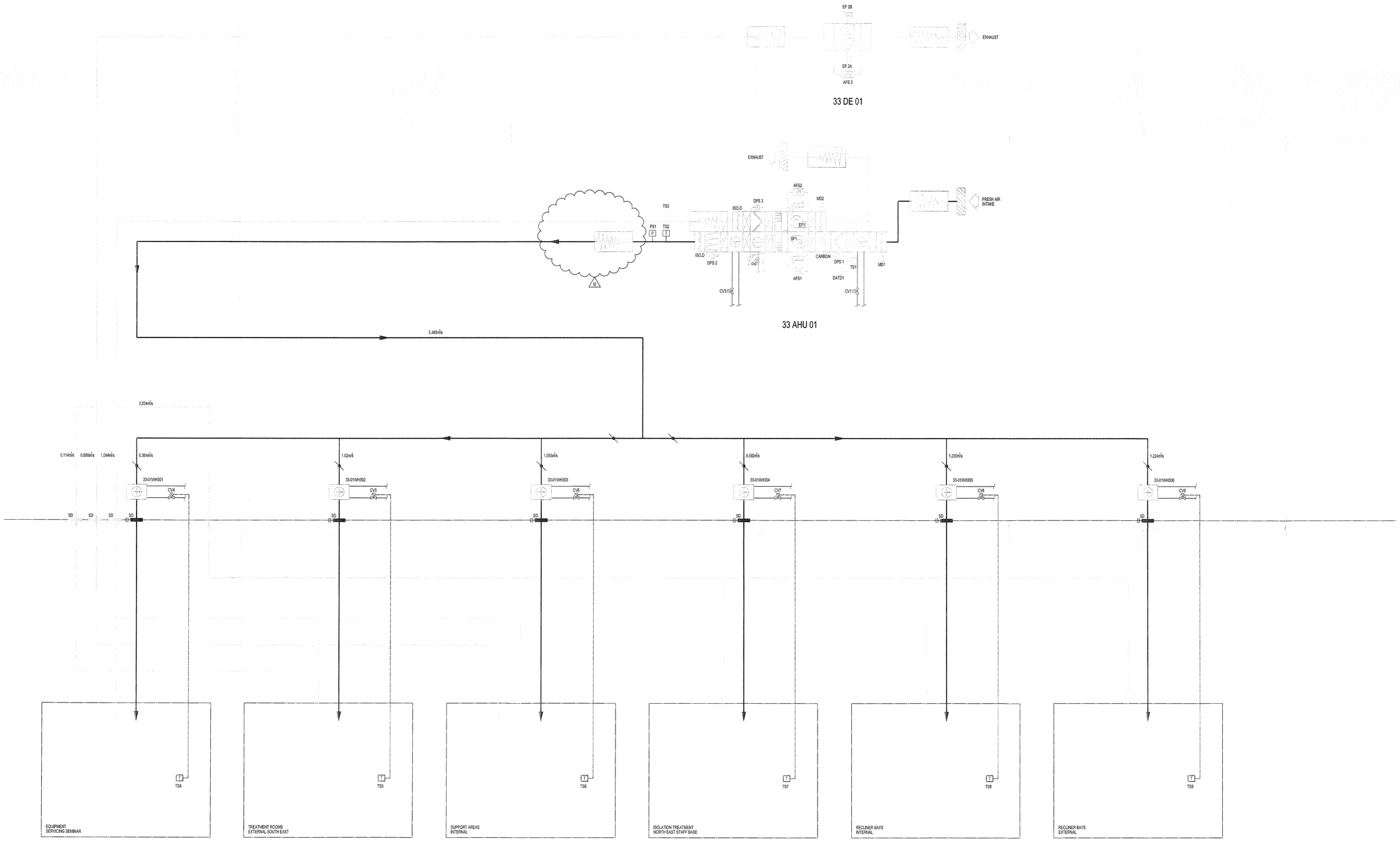
No	Design Risk Register



NOTES

1. FOR SYMBOLOGY REFER TO ZBP DRG No. ZBP-XX-XX-DT-S90-001
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL CONTRACT DOCUMENTATION

LEGEND

- SUPPLY DUCTWORK
- EXTRACT DUCTWORK
- DIRTY EXTRACT DUCTWORK
- FIRE RATED DUCTWORK

Rev	Date	Revision Notes	Drn	Chk
03	23.08.10	MINOR REVISIONS AS INDICATED	RVS	
02	06/08/10	ISSUED FOR INFORMATION FLOOR ARRANGEMENT ADDED	JH	
01	04/06/10	ISSUED FOR INFORMATION	RVS	AP

NSGH Project (Full Business Case) FBC APPENDIX K

	BROOKFIELD	NSGH BOARD
Name:	D Pike	F. Moir
Date:	17/12/10	25.11.10
Sign:	[redacted]	[redacted]
Status: (A or I)	A	A.

Client: NHS Greater Glasgow and Clyde

Contractor: **Brookfield**

Zisman Bowyer & Partners LLP Consulting Engineers
www.zbp.co.uk

Project: NEW SOUTH GLASGOW HOSPITALS (NSGH) PROJECT

Drawing Title: MECHANICAL SERVICES RENAL DIALYSIS VENTILATION SCHEMATIC (PR33) AHU 01

Job No	Date	Scale@A0
2900	APR'10	NTS

Status: INFORMATION

Drawing No						Rev
Origin	Zone	Level	Type	Content	Sequential	
ZBP	XX	XX	SC	524	861	03

PLOTTED BY: RVS
CAD FILE: 2900-03
A52743281

NHS Greater Glasgow and Clyde

NEW SOUTH GLASGOW HOSPITALS

NEW SOUTH GLASGOW HOSPITALS & LABORATORY PROJECT

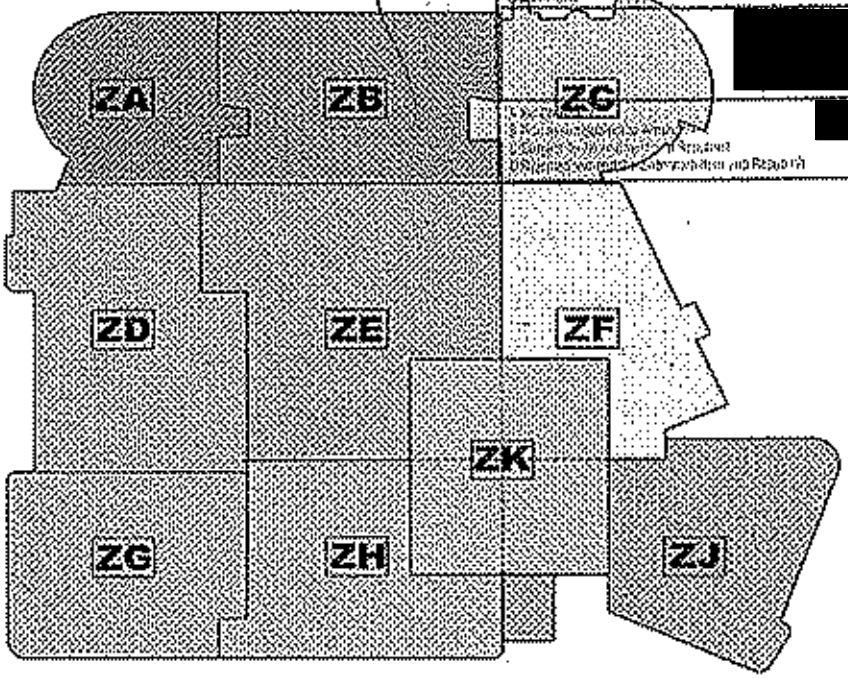
NEW ADULT & CHILDREN'S HOSPITALS - DOCUMENT REVIEW

ADULT HOSPITAL

Comment

[redacted]

11/5/12



NIGHTINGALE associates

ROOM DATA SHEETS

NSGH Renal Inpatients & Day Unit

DEPARTMENT OPERATING HOURS

MON	TUE	WED	THUR	FRI	SAT	SUN
0000-2400	0000-2400	0000-2400	0000-2400	0000-2400	0000-2400	0000-2400

Status
DESIGN DEVELOPMENT

CT	AvdB	31/03/2010	30/09/2011
Drawn By	Checked By	DATE OF 1ST ISSUE	REVISION DATE

Drawing Number
NA - SZ - 04 - RD - 400 - RENW

Revision
03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-001	-	Corridor	03
NSGH-04-RENW-002	-	Relatives Rooms FMCC	03
NSGH-04-RENW-003	-	Staff Meeting / Office FMCC.	03
NSGH-04-RENW-004	-	Flexible office accomodation (3 spaces) FMCC	03
NSGH-04-RENW-005	-	Acute single bedroom (incl family & clinical support space) FMCC	03
NSGH-04-RENW-006	-	Acute single bedroom (incl family & clinical support space) FMCC	03
NSGH-04-RENW-007	-	Shower / WC - Assisted FMCC	03
NSGH-04-RENW-008	-	Acute single bedroom (incl family & clinical support space) FMCC	03
NSGH-04-RENW-009	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-010	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-011	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-012	-	Shower / WC - Assisted	03
NSGH-04-RENW-013	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-014	-	Touch Down Space FMCC.	03
NSGH-04-RENW-015	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-016	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-017	-	Patients en-suite wc & wash double assist FMCC.	03
NSGH-04-RENW-018	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-019	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-020	-	Touch Down Space	03
NSGH-04-RENW-021	-	Acute single bedroom (incl family & clinical support space) FMCC.	03
NSGH-04-RENW-022	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-023	-	Ready use medical gas cylinders store FMCC.	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-024	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-025	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-026	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-027	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-028	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-029	-	Cardiac arrest/emergency trolley bay FMCC	03
NSGH-04-RENW-030	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-031	-	Touch Down Space	03
NSGH-04-RENW-032	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-033	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-034	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-035	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-036	-	Touch Down Space	03
NSGH-04-RENW-037	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-038	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-039	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-040	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-041	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-042	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-043	-	Gowning lobby: single bedroom FMCC.	03
NSGH-04-RENW-044	-	Gowning lobby: single bedroom	03
NSGH-04-RENW-045	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-046	-	Acute single bedroom (incl family & clinical support space)	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-047	-	Electrical Cupboard	03
NSGH-04-RENW-048	-	Electrical Riser RE31	03
NSGH-04-RENW-049	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-050	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-051	-	Cleaners room	03
NSGH-04-RENW-052	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-053	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-054	-	Touch Down Spaces	03
NSGH-04-RENW-055	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-056	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-057	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-058	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-059	-	Office - 1 position + meeting area FMCC	03
NSGH-04-RENW-060	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-061	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-062	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-063	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-064	-	Touch Down Spaces	03
NSGH-04-RENW-065	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-066	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-067	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-068	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-069	-	Electrical Riser RE41	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-070	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-071	-	Electrical Cupboard	03
NSGH-04-RENW-072	-	Acute single bedroom (incl family & clinical support space) PMEC	03
NSGH-04-RENW-073	-	Acute single bedroom (incl family & clinical support space) PMEC.	03
NSGH-04-RENW-074	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-075	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-076	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-077	-	Touch Down Spaces	03
NSGH-04-RENW-078	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-079	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-080	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-081	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-082	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-083	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-084	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-085	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-086	-	Touch Down Spaces	03
NSGH-04-RENW-087	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-088	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-089	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-090	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-091	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-092	-	Acute single bedroom (incl family & clinical support space)	03

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To be read with 400 Series Fixtures & Fittings drawings

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-093	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-094	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-095	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-096	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-097	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-098	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-099	-	Touch Down Spaces	03
NSGH-04-RENW-100	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-101	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-102	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-103	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-104	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-105	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-106	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-107	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-108	-	Touch Down Spaces	03
NSGH-04-RENW-109	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-110	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-111	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-112	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-113	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-114	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-115	-	Patients en-suite wc & wash double assist	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-116	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-117	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-118	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-119	-	Equipment Bay L FMcC	03
NSGH-04-RENW-120	-	Ward Food trolley parking bay FMcC.	03
NSGH-04-RENW-121	-	Pantry/Beverage making area FMcC.	03
NSGH-04-RENW-122	-	Consult Exam Room FMcC	03
NSGH-04-RENW-123	-	Consult Exam Room	03
NSGH-04-RENW-124	-	Consulting/examination (or treatment) room	03
NSGH-04-RENW-125	-	4 Day Trolley spaces FMcC.	03
NSGH-04-RENW-127	-	Consult Exam Room	03
NSGH-04-RENW-128	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-129	-	Patients en-suit ambulant shower, wc & wash FMcC.	03
NSGH-04-RENW-130	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-131	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-132	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-133	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-134	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-135	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-136	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-137	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-138	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-139	-	Touch Down Spaces	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-140	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-141	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-142	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-143	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-144	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-145	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-146	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-147	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-148	-	Touch Down Spaces	03
NSGH-04-RENW-149	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-150	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-151	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-152	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-153	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-154	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-155	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-156	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-157	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-158	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-159	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-160	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-161	-	Touch Down Spaces	03
NSGH-04-RENW-162	-	Acute single bedroom (incl family & clinical support space)	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-163	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-164	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-165	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-166	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-167	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-168	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-170	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-171	-	Touch Down Spaces	03
NSGH-04-RENW-172	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-173	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-174	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-175	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-176	-	Minor Procedures & Treatment Room (incl prep) FMCCC.	03
NSGH-04-RENW-177	-	Electrical Cupboard	03
NSGH-04-RENW-178	-	Electrical Riser RE44	03
NSGH-04-RENW-179	-	~~Spare Space~~ STORE FMCC.	03
NSGH-04-RENW-180	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-181	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-182	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-183	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-184	-	Touch Down Spaces	03
NSGH-04-RENW-185	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-186	-	Patients en-suite wc & wash double assist	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-187	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-188	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-189	-	Office - 1 position + meeting area	03
NSGH-04-RENW-190	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-191	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-192	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-193	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-194	-	Touch Down Spaces	03
NSGH-04-RENW-195	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-196	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-197	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-198	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-199	-	Patients en-suite wc & wash double assist	03
NSGH-04-RENW-200	-	Electrical Riser RE34	03
NSGH-04-RENW-201	-	Electrical Cupboard	03
NSGH-04-RENW-202	-	Acute single bedroom (incl family & clinical support space)	03
NSGH-04-RENW-203	-	Interview/sitting room: 5 places PMCC.	03
NSGH-04-RENW-204	-	Equipment Store PMCC	03
NSGH-04-RENW-205	-	Cleaners room PMCC.	03
NSGH-04-RENW-206	-	Corridor	03
NSGH-04-RENW-207	-	Mechanical Riser T4	03
NSGH-04-RENW-208	-	Charge Nurse/Sister s Office PMCC.	03
NSGH-04-RENW-209	-	Major General Store for Department PMCC.	03

Produced by Nightingale Associates
To be read with 400 Series Fixtures & Fittings drawings

RENW – 215 - Socialisation space - missing

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-210	-	Mobile equipment bay FMEC	03
NSGH-04-RENW-211	-	Corridor	03
NSGH-04-RENW-212	-	Mechanical Riser T5	03
NSGH-04-RENW-213	-	Consumables Store FMEC.	03
NSGH-04-RENW-214	-	4 Dialysis Stations FMEC.	03
NSGH-04-RENW-216	-	Resuscitation trolley parking bay: 1 trolley FMEC.	03
NSGH-04-RENW-217	-	Corridor	03
NSGH-04-RENW-218	-	Staff wc & wash: Ambulant user FMEC.	03
NSGH-04-RENW-219	-	Wheelchair bay FMEC.	03
NSGH-04-RENW-220	-	Switchgear cupboard	03
NSGH-04-RENW-221	-	Corridor	03
NSGH-04-RENW-222	-	Electrical Riser RE43	03
NSGH-04-RENW-222_1	-	Data Patch Panel	03
NSGH-04-RENW-223	-	Mechanical Riser T6	03
NSGH-04-RENW-224	-	Clean Utility Room & clinical supplies trolley & clinical store/controlled drugs cupboard FMEC	03
NSGH-04-RENW-225	-	Dirty utility/Disposal hold FMEC.	03
NSGH-04-RENW-226	-	Dirty Utility/sluice/Test Room - small FMEC.	03
NSGH-04-RENW-227	-	Pantry/Beverage making area FMEC.	03
NSGH-04-RENW-228	-	Ward Food trolley parking bay	03
NSGH-04-RENW-229	-	Equipment Bay L	03
NSGH-04-RENW-230	-	Equipment store FMEC.	03
NSGH-04-RENW-231	-	Corridor	03
NSGH-04-RENW-231_1	-	Lobby	03

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09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-232	-	Nurses Station FMCC.	03
NSGH-04-RENW-233	-	Consulting/examination (or treatment) room	03
NSGH-04-RENW-234	-	Interview/sitting room: 5 places	03
NSGH-04-RENW-235	-	Quite sitting space / Additional Social Space FMCC.	03
NSGH-04-RENW-236	-	Corridor	03
NSGH-04-RENW-237	-	Equipment store	03
NSGH-04-RENW-238	-	Staff wc & wash: Ambulant user	03
NSGH-04-RENW-239	-	Staff Base FMCC	03
NSGH-04-RENW-240	-	Corridor	03
NSGH-04-RENW-241	-	Dirty Utility	03
NSGH-04-RENW-242	-	Consumables Store FMCC.	03
NSGH-04-RENW-243	-	Cleaners room	03
NSGH-04-RENW-244	-	Interview/sitting room: 5 places	03
NSGH-04-RENW-246	-	Clean Utility Room FMCC.	03
NSGH-04-RENW-247	-	Nurses Station	03
NSGH-04-RENW-248	-	Corridor	03
NSGH-04-RENW-248_1	-	Lobby	03
NSGH-04-RENW-249	-	Equipment store	03
NSGH-04-RENW-250	-	Equipment Bay L	03
NSGH-04-RENW-251	-	Ward Food trolley parking bay	03
NSGH-04-RENW-252	-	Pantry/Beverage making area	03
NSGH-04-RENW-253	-	Dirty Utility/sluice/Test Room - small	03
NSGH-04-RENW-254	-	Dirty utility/Disposal hold	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-255	-	Clean Utility Room & clinical supplies trolley & clinical store/controlled drugs cupboard FM & C.	03
NSGH-04-RENW-256	-	Mechanical Riser T14	03
NSGH-04-RENW-257	-	Electrical Riser RE42	03
NSGH-04-RENW-257_1	-	Data Patch Panel	03
NSGH-04-RENW-258	-	Corridor	03
NSGH-04-RENW-259	-	Electrical Cupboard	03
NSGH-04-RENW-260	-	Wheelchair bay	03
NSGH-04-RENW-261	-	Staff wc & wash: Ambulant user	03
NSGH-04-RENW-262	-	Corridor	03
NSGH-04-RENW-263	-	Resuscitation trolley parking bay: 1 trolley	03
NSGH-04-RENW-264	-	Quiet sitting space / Additional Social Space Renw 264 absorbed into RENW 247	03
NSGH-04-RENW-265	-	Consumables Store	03
NSGH-04-RENW-266	-	Consulting/examination (or treatment) room	03
NSGH-04-RENW-267	-	Day Unit Office incl.meeting area and 3 Workstations & Renal Wards Workstations Area (6 x person) FM & C.	03
NSGH-04-RENW-270	-	Mechanical Riser T13	03
NSGH-04-RENW-271	-	Corridor	03
NSGH-04-RENW-272	-	Printer/IT/Admin Store Room FM.C.C.	03
NSGH-04-RENW-273	-	Printer/IT/Admin Store Room FM.C.C.	03
NSGH-04-RENW-274	-	Printer/IT/Admin Store Room FM.C.C.	03
NSGH-04-RENW-275	-	Mobile equipment bay FM.C.C.	03
NSGH-04-RENW-276	-	Bulk supplies store FM C.C.	03
NSGH-04-RENW-277	-	Charge Nurse/Sister s Office	03
NSGH-04-RENW-278	-	Mechanical Riser T12	03

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09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-279	-	Clinical equipment store FMcC.	03
NSGH-04-RENW-280	-	Corridor	03
NSGH-04-RENW-281	-	Cleaners	03
NSGH-04-RENW-282	-	Charge Nurse/Sister s Office	03
NSGH-04-RENW-283	-	INTERVIEW	03
NSGH-04-RENW-284	-	Admin store room	03
NSGH-04-RENW-285	-	Linen Store	03
NSGH-04-RENW-286	-	Corridor	03
NSGH-04-RENW-287	-	Staff wc & wash: Ambulant user	03
NSGH-04-RENW-288	-	Electrical cupboard	03
NSGH-04-RENW-289	-	Corridor	03
NSGH-04-RENW-290	-	Electrical Riser RE32	03
NSGH-04-RENW-290_1	-	Data Patch Panel	03
NSGH-04-RENW-291	-	Mobile equipment bay	03
NSGH-04-RENW-292	-	Mechanical Riser T11	03
NSGH-04-RENW-293	-	Clean utility	03
NSGH-04-RENW-294	-	Dirty utility/Disposal Hold	03
NSGH-04-RENW-295	-	Dirty Utility/sluice/Test Room - small	03
NSGH-04-RENW-296	-	Patients pantry	03
NSGH-04-RENW-297	-	Food Trolley	03
NSGH-04-RENW-298	-	Status Laboratory FMcC.	03
NSGH-04-RENW-299	-	Corridor	03
NSGH-04-RENW-299_1	-	Lobby	03

09080	Cover Sheet	

Project: 09080 Glasgow_Southern_General
Department: NSGH RENAL 20 BED HIGHER ACUITY
Issue date: 30/09/11

Room Code	None	Room Name	Revision
NSGH-04-RENW-300	-	Communications / Staff Base FMEC	03
NSGH-04-RENW-301	-	Housekeepers (cleaners) room	03
NSGH-04-RENW-302	-	Cardiac arrest/emergency trolley bay FMEC.	03

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09080	Room Data - Design Issues	M0704A

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-03 Office and administration services
Room:	Relatives Rooms
Room Number:	NSGH-04-RENW-002 Revision: 03

Design Criteria	*Briefing Room Code*	M0704A
	Room Code	NSGH-04-RENW-002
	Room Name	Relatives Rooms
	Room Number	NSGH-04-RENW-002
	Room Instance Code	
	Area Required	14.0 m^2
	Area Designed	13.2 m^2
Occupancy	*Room in use*	-
	Personnel	1 x Staff Up to 4 others; including wheelchair person.
Activities	1) Interviewing. 2) Discussions. 3) Counselling patient after diagnosis. 4) Counselling staff. 5) Comforting relatives/carers. 6) Deskwork for 1 person. 7) Displaying information. 8) Using telephone(s).	

09080	Room Data - Environmental	M0704A

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-03 Office and administration services
Room:	Relatives Rooms
Room Number:	NSGH-04-RENW-002 Revision: 03

Temperature	*Winter degC*	21
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days.
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes -	Air volume to suit occupancy at 10 litres per second per person
	Relative Pressure	BAL
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	300
	Service Illumination Lux Notes -	Desk
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0.85 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes	[redacted]	

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09080	Schedule of Components by Room	M0704A

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-03 Office and administration services
Room: Relatives Rooms
Room Number: NSGH-04-RENW-002 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	ART1005C	ART DIGNIFIED SPACE, artist input into contract wall, floor finishes.		2
1		1	BOA022	BOARD, display/notice, magnetic, wall mounted, 900H 600W		2
1		1	CAL007	PULL/PUSH BUTTON, staff emergency call, reset and integral/adjacent indicator lamp		1
1		1	CAL034	LAMP, repeat call, patient/staff or staff emergency or cardiac call		1
5		5	CHA305	CHAIR, easy, low back, upholstered, wipeable		3
4		4	HOO019	HOOK, single, small, wall mounted		2
1		1	OUT010	SOCKET outlet, switched, 13 amp, twin		1
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	OUT131	SOCKET outlet double data/voice, wall/trunking mounted		1
1		1	SPA1002	Wheelchair parked space; 1350 x 900		3
1		1	SPA8028	1500 SQ. Wheelchair turning space		3
1		1	SWC025	SWITCH, light		1
1		1	TAB056	TABLE, occasional, round, 415H 610mm dia.		3

09080	Room Data - Design Issues	M0225A

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-03 Office and administration services
Room:	Flexible office accomodation (3 spaces)
Room Number:	NSGH-04-RENW-004 Revision: 03

Design Criteria	*Briefing Room Code*	M0225A
	Room Code	NSGH-04-RENW-004
	Room Name	Flexible office accomodation (3 spaces)
	Room Number	NSGH-04-RENW-004
	Room Instance Code	
	Area Required	13.0 m^2
	Area Designed	16.1 m^2
Occupancy	*Room in use*	-
	Personnel	Up to 6 Staff
Activities	1) Administration; clerical duties. 2) Maintaining case records. 3) Using computer workstation(s). 4) Using printer. 5) Displaying information. 6) Using telephone(s).	

09080	Room Data - Environmental	M0225A

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-03 Office and administration services
Room:	Flexible office accomodation (3 spaces)
Room Number:	NSGH-04-RENW-004 Revision: 03

Temperature	*Winter degC*	21
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days.
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes -	Air volume to suit occupancy at 10 litres per second per person
	Relative Pressure	BAL
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	500
	Service Illumination Lux Notes -	Desk
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	-
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 19 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0.85 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	-
	Hot Water Temperature deg C	-
	Safety Temperature Notes	
General Safety Notes		

09080	Schedule of Components by Room	M0225A

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-03 Office and administration services
Room: Flexible office accomodation (3 spaces)
Room Number: NSGH-04-RENW-004 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
2		✓ 2	BIN005	BIN, disposal, pedal, small, 350H 250 dia.		3
1		✓ 1	BOA013	BOARD, display/notice, wall mounted, 900H 1200W		2
1		✓ 1	BOA037	BOARD, marker, whiteboard, dry-wipe, with pen holder, wall mounted, 900H 1200W		2
1		✓ 1	CAB027	CABINET, filing, 2 drawer, 710H 800W 470D		3
1		✓ 1	CAB1001	CABINET, half height		3
2		✓ 2	CAB1012	CABINET, roller shutter, screen-hung/wall mounted, 430H 800W 400D		1
2		✓ 2	CHA017	CHAIR, upright, upholstered, stacking		3
3		✓ 3	CHA301	CHAIR, swivel, height adjustable, high back, with arms, wipeable, 5 star base, on castors		3
1		✓ 1	CLO001	CLOCK battery, wall mounted		2
3		✓ 3	COMP1000	COMPUTER, complete with keyboard, screen and telephone. • 1 No. COM031 (grp 3) COMPUTER CPU • 1 No. COM033 (grp 3) COMPUTER KEYBOARD • 1 No. COM1000 (grp 3) COMPUTER MONITOR, TFT, digital flat panel display, desk top. • 1 No. TEL1000 (grp 3) TELEPHONE, handset, wall/desk mounted	[Union]	3
3		✓ 3	DATA1000	DATA POINTS, incorporating two power sockets and one data/telecom point. • 2 No. OUT010 (grp 1) SOCKET outlet, switched, 13 amp, twin • 1 No. OUT131 (grp 1) SOCKET outlet double data/voice, wall/trunking mounted	[Union]	1
3		✓ 3	DRA056	DRAWER UNIT, 2 drawer, lockable, on castors, 600H 410W 600D		3
2		✓ 2	OUT010	SOCKET outlet, switched, 13 amp, twin		1
1		✓ 1	OUT077	OUTLET isolator 20amp, SP&N		1
1		✓ 1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		✓ 1	OUT131	SOCKET outlet double data/voice, wall/trunking mounted		1
1		✓ 1	PRI010	PRINTER multifunction, network, floor standing		3
1		✓ 1	SPA1044	SPACE, Fan Coil Unit to M&E specification		1
1		✓ 1	SWC025	SWITCH, light		1

09080	Schedule of Components by Room	M0225A

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-03 Office and administration services
Room: Flexible office accomodation (3 spaces)
Room Number: NSGH-04-RENW-004 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		✓ 1	TRU1000	TRUNKING, Power and Data trunking, length as drawn 1 No. 4800 x 220 mm		1
1		✓ 1	WKT1005L	WORKTOP, seated, 700 deep 40mm thick, with 50mm upstand, length as drawn. 1 No. 4800 x 700 mm		1

09080	Room Data - Design Issues	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-005 Revision: 03

Design Criteria	*Briefing Room Code*	B0305A2
	Room Code	NSGH-04-RENW-005
	Room Name	Acute single bedroom (incl family & clinical support space)
	Room Number	NSGH-04-RENW-005
	Room Instance Code	
	Area Required	20.0 m²
	Area Designed	20.0 m²
Occupancy	*Room in use*	-
	Personnel	1 x Patient 4 x Others
Activities	1) Clinical discussions and delivery of minimally invasive clinical procedures at the bedside. 2) Use of monitoring equipment. 3) Use of mobile diagnostic and therapeutic equipment. 4) Undressing and dressing in privacy. 5) Resting and sleeping in bed. 6) Patient to take meals in bed or by the bed. 7) Using entertainment services. 8) Patient to receive visitors. 9) Overnight stays by relatives. 10) Use of clinical wash-hand basin. 11) Reviewing and recording patient records. 12) Accessing and updating electronic patient records (EPRs). 13) Secure holding of medicines for use by patient. 14) Holding working supply of linen. 15) Holding working supply of consumables. 16) Holding patient's clothing and personal belongings. 17) Use of mobile hoist. 18) Patient may arrive on a bed or trolley.	

09080	Room Data - Environmental	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-005 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes - Supply air rate at 40 litres per second 1. Bedroom balanced or negative with respect to the adjoining corridor. 2. Bedroom positive with respect to the en-suite sanitary room	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	0
	Service Illumination Lux Notes - Daytime - general (lux): 100 1. Average at floor level of circulation space. 2. Maximum point illuminance 170 lux. Daytime - bed (lux): 300 1.Average over bed area at working plane level for general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Minimum uniformity 0.5.	
	Service Illumination Night Lux	5
	Service Illumination Night Lux Notes -	Floor; maximum 0.5 lux over pillow.
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes - Local task illumination (lux): 300 1. Average at bedhead for patient reading and general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Average of 1000 Lux at bedhead where examination or treatment is to be carried out.	
	Colour Rendering	True
	Colour Rendering Notes	Not applicable to night lighting. General lighting - Colour rendering characteristics (Ra): 85 Examination lighting - Colour rendering characteristics (Ra): 90 Minimum colour appearance of 4000K
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: S/N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 19 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 Y = Dedicated emergency lighting required in compliance with BS 5266. General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 1 metre above finished floor level.	

Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	**Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves**
General Safety Notes		

09080	Room Data - Design Issues	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-039 Revision: 03

Design Criteria	*Briefing Room Code*	B0305A2
	Room Code	NSGH-04-RENW-039
	Room Name	Patients en-suite wc & wash double assist
	Room Number	NSGH-04-RENW-039
	Room Instance Code	
	Area Required	4.5 m^2
	Area Designed	5.3 m^2
Occupancy	*Room in use*	-
	Personnel	1 x Patient 4 x Others
Activities	1) Clinical discussions and delivery of minimally invasive clinical procedures at the bedside. 2) Use of monitoring equipment. 3) Use of mobile diagnostic and therapeutic equipment. 4) Undressing and dressing in privacy. 5) Resting and sleeping in bed. 6) Patient to take meals in bed or by the bed. 7) Using entertainment services. 8) Patient to receive visitors. 9) Overnight stays by relatives. 10) Use of clinical wash-hand basin. 11) Reviewing and recording patient records. 12) Accessing and updating electronic patient records (EPRs). 13) Secure holding of medicines for use by patient. 14) Holding working supply of linen. 15) Holding working supply of consumables. 16) Holding patient's clothing and personal belongings. 17) Use of mobile hoist. 18) Patient may arrive on a bed or trolley.	

09080	Room Data - Environmental	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-039 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	None
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data, but not on successive days
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	10
	Supply ac/hr	-
	Mechanical Ventilation Notes - Supply air rate at 40 litres per second 1. Bedroom balanced or negative with respect to the adjoining corridor. 2. Bedroom positive with respect to the en-suite sanitary room	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	200
	Service Illumination Lux Notes -	Floor
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes - Local task illumination (lux): 300 1. Average at bedhead for patient reading and general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Average of 1000 Lux at bedhead where examination or treatment is to be carried out.	
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	44
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of

General Safety Notes	Thermostatic Mixing Valves

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-039 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	BIN1000	BIN, sanitary towel disposal to meet HBN00-02 requirements.		3
3		3	CAL005	CEILING PULL CORD patient/staff call		1
1		1	CAL012	RESET UNIT, with repeat lamp, patient/staff call		1
1		1	CAL030	LAMP patient reassurance, ceiling mounted		1
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS024	DISPENSER, soap, wall mounted		2
1		1	DIS061	DISPENSER, disposable gloves, single		2
1		1	DIS062	DISPENSER, toilet paper, dispense individual sheets		2
1		1	DIS064	DISPENSER, wipes		2
1		1	DIS067	DISPENSER, sanitary bags		2
2		2	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG063	LUMINAIRE, single fluorescent lamp, wall, 8 watt, 300 mm		1
1		1	MIR002	MIRROR, wall mounted, 900H 300W		1
1		1	PIR1000	PIR Sensor,as per M&E specification		1
3		3	RAI048	RAIL, grab, vertical, wall mounted, 600mm		1
4		4	RAI161	RAIL, grab, horizontal, wall mounted, 600mm		1
2		2	RAI174	RAIL, grab, hinged, wall mounted, 650mm with toilet roll holder		1
1		1	SEA021R	SEAT, tip-up, with fold-down grab rails, adjustable right handed with leg supports.		1
1		1	SHOW1002	SHOWER, IPS/wall mounted. • 1 No. SHO002 (grp 1) SHOWER, slip resistant floor with drainage outlet, 900W 900D • 1 No. SHO018 (grp 1) SHOWER, valve, thermostatic mixer (associated with SHO020), HTM 64 TM1 • 1 No. SHO020 (grp 1) SHOWER, adjustable shower head hand spray (associated with SHO018), HTM 64 TM1	(Union)	1
1		1	SPA8028	1500 SQ. Wheelchair turning space		3
1		1	STF200	STORAGE UNIT, mid, shelf, 150H 300W 150D		1
1		1	TRA1002	TRACK, curtain, shower, length and shape as drawn.		1

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09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-039 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	WCAD1001	WC, adult, disabled, floor mounted. • 1 No. BAC002 (grp 1) BACKREST, WCtoilet, padded, wall mounted • 1 No. CIS005 (grp 1) CISTERN WCtoilet, concealed, reversible. To suit WC HTM64 • 1 No. WCH005 (grp 1) WCtoilet pan with seat, 700 mm projection, hospital pattern, rimless pan, vitreous china, HTM64WCHD	[Union]	1
1		1	WHBN1003	WASH BASIN, en-suite/bathroom, with basin mounted taps. • 1 No. BAS106 (grp 1) BASIN, medium, general pattern, vitreous china, 1 tap right hand hole, no overflow, bottom outlet, 500W 400D, HTM64LBGM • 1 No. TAP280 (grp 1) TAP, monobloc, pillar mixer, integral thermostatic, short lever, HTM 64 TP6 • 1 No. WAS101 (grp 1) WASTE, unslotted recessed grated, metal, 1.1/4 in, with plug and chain, HTM64WT3 • 1 No. WAS107 (grp 1) TRAP, bottle, 1.1/4 in, plastic resealing, HTM64TRR1/P	[Union]	1

09080	Room Data - Design Issues	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-041 Revision: 03

Design Criteria	*Briefing Room Code*	B0305A2
	Room Code	NSGH-04-RENW-041
	Room Name	Acute single bedroom (incl family & clinical support space)
	Room Number	NSGH-04-RENW-041
	Room Instance Code	
	Area Required	20.0 m²
	Area Designed	20.4 m²
Occupancy	*Room in use*	-
	Personnel	1 x Patient 4 x Others
Activities	1) Clinical discussions and delivery of minimally invasive clinical procedures at the bedside. 2) Use of monitoring equipment. 3) Use of mobile diagnostic and therapeutic equipment. 4) Undressing and dressing in privacy. 5) Resting and sleeping in bed. 6) Patient to take meals in bed or by the bed. 7) Using entertainment services. 8) Patient to receive visitors. 9) Overnight stays by relatives. 10) Use of clinical wash-hand basin. 11) Reviewing and recording patient records. 12) Accessing and updating electronic patient records (EPRs). 13) Secure holding of medicines for use by patient. 14) Holding working supply of linen. 15) Holding working supply of consumables. 16) Holding patient's clothing and personal belongings. 17) Use of mobile hoist. 18) Patient may arrive on a bed or trolley.	

09080	Room Data - Environmental	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-041 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes - Supply air rate at 40 litres per second 1. Bedroom balanced or negative with respect to the adjoining corridor. 2. Bedroom positive with respect to the en-suite sanitary room	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	0
	Service Illumination Lux Notes - Daytime - general (lux): 100 1. Average at floor level of circulation space. 2. Maximum point illuminance 170 lux. Daytime - bed (lux): 300 1.Average over bed area at working plane level for general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Minimum uniformity 0.5.	
	Service Illumination Night Lux	5
	Service Illumination Night Lux Notes -	Floor; maximum 0.5 lux over pillow.
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes - Local task illumination (lux): 300 1. Average at bedhead for patient reading and general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Average of 1000 Lux at bedhead where examination or treatment is to be carried out.	
	Colour Rendering	True
	Colour Rendering Notes	Not applicable to night lighting. General lighting - Colour rendering characteristics (Ra): 85 Examination lighting - Colour rendering characteristics (Ra): 90 Minimum colour appearance of 4000K
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: S/N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 19 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 Y = Dedicated emergency lighting required in compliance with BS 5266. General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 1 metre above finished floor level.	

Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-041 Revision: 03

New	Tr/Ex	Qty	Code	Description	—	Group
1		1	BED015	BED variable height, two-way tilt, adjustable backrest and knee-break, built-in bed extension with mattress retainer, electrically operated, on castors, 380-780H 2260/2430L 1010W		3
1		1	BED025	MEDICAL SUPPLY UNIT, may include socket and parking bracket/clip for patient handset and bedside light controls		1
1		1	BED7001	BED HEAD BUFFER/DOCKING device, bed and wall protection, horizontal, to design		1
1		1	BRA003	BRACKET, holder, suction unit, wall mounted		2
1		1	BRA1000	Bracket for sharps bin		1
1		1	CAB065	CABINET, drugs, self dispensing medication, lockable, wall mounted, 315H 210W 155D		2
1		1	CHA307	CHAIR, easy, high back, with open arms, upholstered, wipeable		3
2		2	CHA317	CHAIR, upright, upholstered, stacking, wipeable		3
1		1	CLO001	CLOCK battery, wall mounted		2
1		1	DIS011	DISPENSER, barrier cream, disposable single cartridge, wall mounted		2
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS026	DISPENSER, Medical hand sanitizer, lever action, wall mounted		2
1		1	DIS030	DISPENSER, soap, disposable single cartridge, lever action, wall mounted		2
1		1	DIS438	DISPENSER,disposable gloves set of 4 and disposable apron, wall mounted		2
2		2	HOL004	HOLDER, sack, with lid foot operated, small, freestanding		3
1		1	HOL020	HOLDER, sharps box, up to 7 litre capacity, trolley hang or wall mounted, 170H 125W 100D		3
2		2	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG005	LUMINAIRE, bedhead, dimmable, patient reading and general nursing care/examination		1
1		1	LOC004	LOCKER, bedside, 4 compartment with lockable section /drawer, towel rail at rear, on castors, with patient hanging space and integrated lockable medicine, 902H 485W 485D		3
1		1	MAT008	MATTRESS, suitable for BED015		3

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-041 Revision: 03

New	Tr/Ex	Qty	Code	Description	**	Group
1		1	MEST1000A	MEDICAL SERVICE TRUNKING, acute bed/trolley space, to HTM 08-03 requirements. Entertainment system infrastructure only. The following codes are project options and should be removed if not required. CAL008 and OUT151. • 1 No. CAL012 (grp 1) RESET UNIT, with repeat lamp, patient/staff call • 1 No. CAL043 (grp 1) PUSH BUTTON patient/staff call with socket for extension pear push, trunking mounted • 1 No. CAL047 (grp 1) PUSH BUTTON staff emergency call, reset and integral/adjacent indicator lamp, trunking mounted • 1 No. ECS1001 (grp 1) INFRASTRUCTURE for ENTERTAINMENT SYSTEM; to client specification • 4 No. OUT012 (grp 1) SOCKET outlet switched 13amp twin, trunking mounted • 2 No. OUT131 (grp 1) SOCKET outlet double data/voice, wall/trunking mounted • 1 No. OUT151 (grp 1) SOCKET outlet patient monitoring, wall/trunking mounted • 1 No. OUT470 (grp 1) OUTLET, oxygen, medical • 1 No. OUT475 (grp 1) OUTLET, vacuum, medical • 1 No. TRU1001 (grp 1) MEDICAL SERVICE TRUNKING, horizontal, length as drawn.	[Union]	1
1		1	OUT010	SOCKET outlet, switched, 13 amp, twin		1
1		1	OUT052	CONNECTION UNIT, switched, 13 amp		1
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	PAN069	PANEL media, clinical, for satellite dialysis machine, wall mounted, including water osmosis point, soil stack point and megan earthing point.		1
2		2	RAI130	RAIL, clinical equipment, wall mounted, 600mm		1
1		1	SPA055	Space for bed/reclining chair		3
1		1	SPA1029	SPACE, PC Trolley 900H 680W 500D.		3
1		1	SPA1039	SPACE, renal haemodialysis machine		3
1		1	SWC025	SWITCH, light		1
1		1	TAB073	TABLE, overbed, cantilevered		3

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-041 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	WHBN1000	WASH BASIN, clinical, with non touch panel mounted tap/s. • 1 No. BAS101 (grp 1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D. HTM64LBHM • 1 No. OUT052 (grp 1) CONNECTION UNIT, switched, 13 amp • 1 No. TAP894 (grp 1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation. HTM64TBH6 • 1 No. WAS100 (grp 1) WASTE, unslotted flush-grated, metal, 1.1/4 in. HTM64WT1 • 1 No. WAS1000 (grp 1) TRAP, concealed waste, for back outlet basins.	[Union]	1

09080	Room Data - Design Issues	V1645B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-042 Revision: 03

Design Criteria	*Briefing Room Code*	V1645B
	Room Code	NSGH-04-RENW-042
	Room Name	Patients en-suite wc & wash double assist
	Room Number	NSGH-04-RENW-042
	Room Instance Code	
	Area Required	4.5 m²
	Area Designed	5.5 m²
Occupancy	*Room in use*	*
	Personnel	1 x patient 1-2 assistants intermittent use
Activities	1) Use of assisted shower with fixed tip-up shower seat. 2) Use of assisted toilet. 3) Use of adjustable height hand-wash basin. 4) Undressing and dressing in privacy. 5) Hanging clothes. 6) Hanging towels. 7) Use of sanitary chair. 8) Use of shower chair. 9) Use of mobile hoist.	

09080	Room Data - Environmental	V1645B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-042 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	None
	Temperature Notes -	
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	10
	Supply ac/hr	-
	Mechanical Ventilation Notes -	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	200
	Service Illumination Lux Notes -	Floor
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

09080	Schedule of Components by Room	V1645B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-042 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	BIN1000	BIN, sanitary towel disposal to meet HBN00-02 requirements.		3
3		3	CAL005	CEILING PULL CORD patient/staff call		1
1		1	CAL012	RESET UNIT, with repeat lamp, patient/staff call		1
1		1	CAL030	LAMP patient reassurance, ceiling mounted		1
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS024	DISPENSER, soap, wall mounted		2
1		1	DIS061	DISPENSER, disposable gloves, single		2
1		1	DIS062	DISPENSER, toilet paper, dispense individual sheets		2
1		1	DIS064	DISPENSER, wipes		2
1		1	DIS067	DISPENSER, sanitary bags		2
2		2	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG063	LUMINAIRE, single fluorescent lamp, wall, 8 watt, 300 mm		1
1		1	MIR002	MIRROR, wall mounted, 900H 300W		1
1		1	PIR1000	PIR Sensor,as per M&E specification		1
3		3	RAI048	RAIL, grab, vertical, wall mounted, 600mm		1
4		4	RAI161	RAIL, grab, horizontal, wall mounted, 600mm		1
2		2	RAI174	RAIL, grab, hinged, wall mounted, 650mm with toilet roll holder		1
1		1	SEA021R	SEAT, tip-up, with fold-down grab rails, adjustable right handed with leg supports.		1
1		1	SHOW1002	SHOWER, IPS/wall mounted. • 1 No. SHO002 (grp 1) SHOWER, slip resistant floor with drainage outlet, 900W 900D • 1 No. SHO018 (grp 1) SHOWER, valve, thermostatic mixer (associated with SHO020), HTM 64 TM1 • 1 No. SHO020 (grp 1) SHOWER, adjustable shower head hand spray (associated with SHO018), HTM 64 TM1	(Union)	1
1		1	SPA8028	1500 SQ, Wheelchair turning space		3
1		1	STF200	STORAGE UNIT, mid, shelf, 150H 300W 150D		1
1		1	TRA1002	TRACK, curtain, shower, length and shape as drawn.		1

Produced by Nightingale Associates
To be read with 400 Series Fixtures & Fittings drawings

09080	Schedule of Components by Room	V1645B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-042 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	WCAD1001	WC, adult, disabled, floor mounted. • 1 No. BAC002 (grp 1) BACKREST, WC/toilet, padded, wall mounted • 1 No. CIS005 (grp 1) CISTERN WC/toilet, concealed, reversible. To suit WC HTM64 • 1 No. WCH005 (grp 1) WC/toilet pan with seat, 700 mm projection, hospital pattern, rimless pan, vitreous china, HTM64WCHD	[Union]	1
1		1	WHBN1003	WASH BASIN, en-suite/bathroom, with basin mounted tap/s. • 1 No. BAS106 (grp 1) BASIN, medium, general pattern, vitreous china, 1 tap right hand hole, no overflow, bottom outlet, 500W 400D. HTM64LBGM • 1 No. TAP289 (grp 1) TAP, monobloc, pillar mixer, integral thermostatic, short lever, HTM 64 TP6 • 1 No. WAS101 (grp 1) WASTE, unslotted recessed grated, metal, 1.1/4 in, with plug and chain. HTM64WT3 • 1 No. WAS107 (grp 1) TRAP, bottle, 1.1/4 in, plastic reseating, HTM64TRR1/P	[Union]	1

09080	Room Data - Design Issues	G0510B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Gowning lobby: single bedroom
Room Number:	NSGH-04-RENW-043 Revision: 03

Design Criteria	*Briefing Room Code*	G0510B
	Room Code	NSGH-04-RENW-043
	Room Name	Gowning lobby: single bedroom
	Room Number	NSGH-04-RENW-043
	Room Instance Code	
	Area Required	5.0 m^2
	Area Designed	5.1 m^2
Occupancy	*Room in use*	-
	Personnel	2 x Persons
Activities	1) Use of clinical wash-hand basin. 2) Dispensing disposable aprons. 3) Dispensing disposable gloves. 4) Disposal of clinical waste. 5) Disposal of non-clinical waste.	

09080	Room Data - Environmental	G0510B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Gowning lobby: single bedroom
Room Number:	NSGH-04-RENW-043 Revision: 03

Temperature	*Winter degC*	21
	Summer degC	None
	Temperature Notes -	
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes -	See HBN 04-01 Supplement 1 for further details of specific requirements.
	Relative Pressure	POS
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	200
	Service Illumination Lux Notes -	Floor
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	-
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

09080	Schedule of Components by Room	G0510B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Gowning lobby: single bedroom
Room Number: NSGH-04-RENW-043 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	CAL034	LAMP, repeat call, patient/staff or staff emergency or cardiac call		1
1		1	DIS011	DISPENSER, barrier cream, disposable single cartridge, wall mounted		2
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS026	DISPENSER, Medical hand sanitizer, lever action, wall mounted		2
1		1	DIS030	DISPENSER, soap, disposable single cartridge, lever action, wall mounted		2
1		1	DIS437	DISPENSER, disposable mask, wall mounted		2
1		1	DIS438	DISPENSER,disposable gloves set of 4 and disposable apron, wall mounted		2
2		2	HOL004	HOLDER, sack, with lid foot operated, small, freestanding		3
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	PIR1000	PIR Sensor,as per M&E specification		1
1		1	WHBN1000	WASH BASIN, clinical, with non touch panel mounted tap/s. • 1 No. BAS101 (grp 1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D, HTM64LBHM • 1 No. OUT052 (grp 1) CONNECTION UNIT, switched, 13 amp • 1 No. TAP894 (grp 1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation, HTM64TBH6 • 1 No. WAS100 (grp 1) WASTE, unslotted flush-grated, metal, 1.1/4 in, HTM64WT1 • 1 No. WAS1000 (grp 1) TRAP, concealed waste, for back outlet basins.	[Union]	1

09080	Room Data - Design Issues	G0510B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Gowning lobby: single bedroom
Room Number:	NSGH-04-RENW-044 Revision: 03

Design Criteria	*Briefing Room Code*	G0510B
	Room Code	NSGH-04-RENW-044
	Room Name	Gowning lobby: single bedroom
	Room Number	NSGH-04-RENW-044
	Room Instance Code	
	Area Required	5.0 m^2
	Area Designed	5.1 m^2
Occupancy	*Room in use*	-
	Personnel	2 x Persons
Activities	1) Use of clinical wash-hand basin. 2) Dispensing disposable aprons. 3) Dispensing disposable gloves. 4) Disposal of clinical waste. 5) Disposal of non-clinical waste.	

09080	Room Data - Environmental	G0510B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Gowning lobby: single bedroom
Room Number:	NSGH-04-RENW-044 Revision: 03

Temperature	*Winter degC*	21
	Summer degC	None
	Temperature Notes -	
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes -	See HBN 04-01 Supplement 1 for further details of specific requirements.
	Relative Pressure	POS
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	200
	Service Illumination Lux Notes -	Floor
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	-
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

09080	Schedule of Components by Room	G0510B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Gowning lobby: single bedroom
Room Number: NSGH-04-RENW-044 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	CAL034	LAMP, repeat call, patient/staff or staff emergency or cardiac call		1
1		1	DIS011	DISPENSER, barrier cream, disposable single cartridge, wall mounted		2
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS026	DISPENSER, Medical hand sanitizer, lever action, wall mounted		2
1		1	DIS030	DISPENSER, soap, disposable single cartridge, lever action, wall mounted		2
1		1	DIS437	DISPENSER, disposable mask, wall mounted		2
1		1	DIS438	DISPENSER,disposable gloves set of 4 and disposable apron, wall mounted		2
2		2	HOL004	HOLDER, sack, with lid foot operated, small, freestanding		3
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	PIR1000	PIR Sensor,as per M&E specification		1
1		1	WHBN1000	WASH BASIN, clinical, with non touch panel mounted taps. • 1 No. BAS101 (grp 1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D. HTM64LBHM • 1 No. OUT052 (grp 1) CONNECTION UNIT, switched, 13 amp • 1 No. TAP894 (grp 1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation. HTM64TBH6 • 1 No. WAS100 (grp 1) WASTE, unslotted flush-grated, metal, 1.1/4 in. HTM64WT1 • 1 No. WAS1000 (grp 1) TRAP, concealed waste, for back outlet basins.	[Union]	1

09080	Room Data - Design Issues	V1645B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-045 Revision: 03

Design Criteria	*Briefing Room Code*	V1645B
	Room Code	NSGH-04-RENW-045
	Room Name	Patients en-suite wc & wash double assist
	Room Number	NSGH-04-RENW-045
	Room Instance Code	
	Area Required	4.5 m²
	Area Designed	5.5 m²
Occupancy	*Room in use*	-
	Personnel	1 x patient 1-2 assistants Intermittent use
Activities	1) Use of assisted shower with fixed tip-up shower seat. 2) Use of assisted toilet. 3) Use of adjustable height hand-wash basin. 4) Undressing and dressing in privacy. 5) Hanging clothes. 6) Hanging towels. 7) Use of sanitary chair. 8) Use of shower chair. 9) Use of mobile hoist.	

09080	Room Data - Environmental	V1645B

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Patients en-suite wc & wash double assist
Room Number:	NSGH-04-RENW-045 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	None
	Temperature Notes -	
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	10
	Supply ac/hr	-
	Mechanical Ventilation Notes -	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	200
	Service Illumination Lux Notes -	Floor
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes -	
	Colour Rendering	True
	Colour Rendering Notes	Ra 85
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 22 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

09080	Schedule of Components by Room	V1645B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-045 Revision: 03

New	Tr/Ex	Qty	Code	Description	***	Group
1		1	BIN1000	BIN, sanitary towel disposal to meet HBN00-02 requirements.		3
3		3	CAL005	CEILING PULL CORD patient/staff call		1
1		1	CAL012	RESET UNIT, with repeat lamp, patient/staff call		1
1		1	CAL030	LAMP patient reassurance, ceiling mounted		1
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS024	DISPENSER, soap, wall mounted		2
1		1	DIS061	DISPENSER, disposable gloves, single		2
1		1	DIS062	DISPENSER, toilet paper, dispense individual sheets		2
1		1	DIS064	DISPENSER, wipes		2
1		1	DIS067	DISPENSER, sanitary bags		2
2		2	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG063	LUMINAIRE, single fluorescent lamp, wall, 6 watt, 300 mm		1
1		1	MIR002	MIRROR, wall mounted, 000H 300W		1
1		1	PIR1000	PIR Sensor,as per M&E specification		1
3		3	RAI048	RAIL, grab, vertical, wall mounted, 600mm		1
4		4	RAI161	RAIL, grab, horizontal, wall mounted, 600mm		1
2		2	RAI174	RAIL, grab, hinged, wall mounted, 650mm with toilet roll holder		1
1		1	SEA021	SEAT, lip-up, with fold-down grab rails, adjustable left handed with leg supports.		2
1		1	SHOW1002	SHOWER, IPS/wall mounted. • 1 No. SHO002 (grp 1) SHOWER, slip resistant floor with drainage outlet, 900W 900D • 1 No. SHO018 (grp 1) SHOWER, valve, thermostatic mixer (associated with SHO020), HTM 64 TM1 • 1 No. SHO020 (grp 1) SHOWER, adjustable shower head hand spray (associated with SHO018), HTM 64 TM1	{Union}	1
1		1	SPA8028	1500 SQ. Wheelchair turning space		3
1		1	STF200	STORAGE UNIT, mid, shelf, 150H 300W 150D		1
1		1	TRA1002	TRACK, curtain, shower, length and shape as drawn.		1

09080	Schedule of Components by Room	V1645B

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Patients en-suite wc & wash double assist
Room Number: NSGH-04-RENW-045 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	WCAD1001	WC, adult, disabled, floor mounted. • 1 No. BAC002 (grp 1) BACKREST, WC/toilet, padded, wall mounted • 1 No. CIS005 (grp 1) CISTERN WC/toilet, concealed, reversible, To suit WC HTM64 • 1 No. WCH005 (grp 1) WC/toilet pan with seat, 700 mm projection, hospital pattern, rimless pan, vitreous china, HTM64WCHD	[Union]	1
1		1	WHBN1003	WASH BASIN, en-suite/bathroom, with basin mounted tap/s. • 1 No. BAS106 (grp 1) BASIN, medium, general pattern, vitreous china, 1 tap right hand hole, no overflow, bottom outlet, 500W 400D, HTM64LBGM • 1 No. TAP289 (grp 1) TAP, monobloc, pillar mixer, integral thermostatic, short lever, HTM 64 TP6 • 1 No. WAS101 (grp 1) WASTE, unslotted recessed grated, metal, 1.1/4 in, with plug and chain, HTM64WT3 • 1 No. WAS107 (grp 1) TRAP, bottle, 1.1/4 in, plastic resealing, HTM64TRR1/P	[Union]	1

09080	Room Data - Design Issues	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-046 Revision: 03

Design Criteria

Briefing Room Code	B0305A2
Room Code	NSGH-04-RENW-046
Room Name	Acute single bedroom (incl family & clinical support space)
Room Number	NSGH-04-RENW-046
Room Instence Code	
Area Required	20.0 m²
Area Designed	20.8 m²
Occupancy	
Room in use	-
Personnel	1 x Patient 4 x Others

Activities

1) Clinical discussions and delivery of minimally invasive clinical procedures at the bedside. 2) Use of monitoring equipment. 3) Use of mobile diagnostic and therapeutic equipment. 4) Undressing and dressing in privacy. 5) Resting and sleeping in bed. 6) Patient to take meals in bed or by the bed. 7) Using entertainment services. 8) Patient to receive visitors. 9) Overnight stays by relatives. 10) Use of clinical wash-hand basin. 11) Reviewing and recording patient records. 12) Accessing and updating electronic patient records (EPRs). 13) Secure holding of medicines for use by patient. 14) Holding working supply of linen. 15) Holding working supply of consumables. 16) Holding patient's clothing and personal belongings. 17) Use of mobile hoist. 18) Patient may arrive on a bed or trolley.

09080	Room Data - Environmental	B0305A2

Project:	09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department:	04-03-01 Bed area facilities
Room:	Acute single bedroom (incl family & clinical support space)
Room Number:	NSGH-04-RENW-048 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes - Supply air rate at 40 litres per second 1. Bedroom balanced or negative with respect to the adjoining corridor. 2. Bedroom positive with respect to the en-suite sanitary room	
	Relative Pressure	NEG
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	0
	Service Illumination Lux Notes - Daytime - general (lux): 100 1. Average at floor level of circulation space. 2. Maximum point illuminance 170 lux. Daytime - bed (lux): 300 1.Average over bed area at working plane level for general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Minimum uniformity 0.5.	
	Service Illumination Night Lux	5
	Service Illumination Night Lux Notes -	Floor; maximum 0.5 lux over pillow.
	Service Illumination Local Lux	0
	Service Illumination Local Lux Notes - Local task illumination (lux): 300 1. Average at bedhead for patient reading and general nursing purposes. 2. Maximum point illuminance 520 Lux. 3. Average of 1000 Lux at bedhead where examination or treatment is to be carried out.	
	Colour Rendering	True
	Colour Rendering Notes	Not applicable to night lighting. General lighting - Colour rendering characteristics (Ra): 85 Examination lighting - Colour rendering characteristics (Ra): 90 Minimum colour appearance of 4000K
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: S/N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 19 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 Y = Dedicated emergency lighting required in compliance with BS 5266. General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 1 metre above finished floor level.	

Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	**Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves**
General Safety Notes		

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-046 Revision: 03

New	Tr/Ex	Qty	Code	Description	–	Group
1		1	BED015	BED variable height, two-way tilt, adjustable backrest and knee-break, built-in bed extension with mattress retainer, electrically operated, on castors, 380-780H 2260/2430L 1010W		3
1		1	BED025	MEDICAL SUPPLY UNIT, may include socket and parking bracket/clip for patient handset and bedside light controls		1
1		1	BED7001	BED HEAD BUFFER/DOCKING device, bed and wall protection, horizontal, to design		1
1		1	BRA003	BRACKET, holder, suction unit, wall mounted		2
1		1	BRA1000	Bracket for sharps bin		1
1		1	CAB065	CABINET, drugs, self dispensing medication, lockable, wall mounted, 315H 210W 155D		2
1		1	CHA307	CHAIR, easy, high back, with open arms, upholstered, wipeable		3
2		2	CHA317	CHAIR, upright, upholstered, stacking, wipeable		3
1		1	CLO001	CLOCK battery, wall mounted		2
1		1	DIS011	DISPENSER, barrier cream, disposable single cartridge, wall mounted		2
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
1		1	DIS026	DISPENSER, Medical hand sanitizer, lever action, wall mounted		2
1		1	DIS030	DISPENSER, soap, disposable single cartridge, lever action, wall mounted		2
1		1	DIS438	DISPENSER,disposable gloves set of 4 and disposable apron, wall mounted		2
2		2	HOL004	HOLDER, sack, with lid foot operated, small, freestanding		3
1		1	HOL020	HOLDER, sharps box, up to 7 litre capacity, trolley hang or wall mounted, 170H 125W 100D		3
2		2	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG005	LUMINAIRE, bedhead, dimmable, patient reading and general nursing care/examination		1
1		1	LOC004	LOCKER, bedside, 4 compartment with lockable section /drawer, towel rail at rear, on castors, with patient hanging space and integrated lockable medicine, 902H 485W 485D		3
1		1	MAT008	MATTRESS, suitable for BED015		3

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-046 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	MEST1000A	MEDICAL SERVICE TRUNKING, acute bed/trolley space, to HTM 08-03 requirements. Entertainment system infrastructure only. The following codes are project options and should be removed if not required, CAL008 and OUT151. • 1 No. CAL012 (grp 1) RESET UNIT, with repeat lamp, patient/staff call • 1 No. CAL043 (grp 1) PUSH BUTTON patient/staff call with socket for extension pear push, trunking mounted • 1 No. CAL047 (grp 1) PUSH BUTTON staff emergency call, reset and integrated/adjacent indicator lamp, trunking mounted • 1 No. ECS1001 (grp 1) INFRASTRUCTURE for ENTERTAINMENT SYSTEM: to client specification • 4 No. OUT012 (grp 1) SOCKET outlet switched 13amp twin, trunking mounted • 2 No. OUT131 (grp 1) SOCKET outlet double data/voice, wall/trunking mounted • 1 No. OUT151 (grp 1) SOCKET outlet patient monitoring, wall/trunking mounted • 1 No. OUT470 (grp 1) OUTLET, oxygen, medical • 1 No. OUT475 (grp 1) OUTLET, vacuum, medical • 1 No. TRU1001 (grp 1) MEDICAL SERVICE TRUNKING, horizontal, length as drawn.	(Union)	1
1		1	OUT010	SOCKET outlet, switched, 13 amp, twin		1
1		1	OUT052	CONNECTION UNIT, switched, 13 amp		1
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	PAN069	PANEL media, clinical, for satellite dialysis machine, wall mounted, including water osmosis point, soil stack point and megan earthing point.		1
2		2	RAI130	RAIL, clinical equipment, wall mounted, 600mm		1
1		1	SPA055	Space for bed/reclining chair		3
1		1	SPA1029	SPACE, PC Trolley 900H 660W 500D.		3
1		1	SPA1039	SPACE, renal haemodialysis machine		3
1		1	SWC025	SWITCH, light		1
1		1	TAB073	TABLE, overbed, cantilevered		3

09080	Schedule of Components by Room	B0305A2

Project: 09080 Glasgow_Southern_General RENAL 20 BED HIGHER ACUITY
Department: 04-03-01 Bed area facilities
Room: Acute single bedroom (incl family & clinical support space)
Room Number: NSGH-04-RENW-046 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	WHBN1000	WASH BASIN, clinical, with non touch panel mounted tap/s. • 1 No. BAS101 (grp 1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D, HTM64LBHM • 1 No. OUT052 (grp 1) CONNECTION UNIT, switched, 13 amp • 1 No. TAP394 (grp 1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation, HTM64TBHS • 1 No. WAS100 (grp 1) WASTE, unslotted flush-grated, metal, 1.1/4 in, HTM64WT1 • 1 No. WAS1000 (grp 1) TRAP, concealed waste, for back outlet basins.	[Union]	1
		1	HOI 1004	HOIST PATIENT FULL ROOM TRACK.		

09080	Room Data - Design Issues	C0237B

Project:	09080 Glasgow_Southern_General RENAL 16 BED WARD & DAY UNIT
Department:	04-02-02 Day Assessment & Treatment Area
Room:	Consult Exam Room
Room Number:	NSGH-04-RENW-122
	Revision: 03

Design Criteria	*Briefing Room Code*	C0237B
	Room Code	NSGH-04-RENW-122
	Room Name	Consult Exam Room
	Room Number	NSGH-04-RENW-122
	Room Instance Code	
	Area Required	16.5 m^2
	Area Designed	16.2 m^2
Occupancy	*Room in use*	-
	Personnel	1 x patient 1-2 x staff 1 x other
Activities	1) Consultations. 2) Examinations from both sides of the couch. 3) Minimally invasive clinical procedures from both sides of the couch. 4) Holding sterile supplies and consumables on a trolley. 5) Undressing and dressing in privacy. 6) Accessing and updating electronic patient records (EPRs). 7) Use of clinical wash-hand basin.	

09080	Room Data - Environmental	C0237B

Project:	09080 Glasgow_Southern_General RENAL 16 BED WARD & DAY UNIT
Department:	04-02-02 Day Assessment & Treatment Area
Room:	Consult Exam Room
Room Number:	NSGH-04-RENW-122 Revision: 03

Temperature	*Winter degC*	22
	Summer degC	26
	Temperature Notes -	26oC not to be exceeded for more than 50 hours per annum against CIBSE DSY weather data; but not on successive days.
	Relative Humidity%	-
Ventilation	*Extract ac/hr*	-
	Supply ac/hr	-
	Mechanical Ventilation Notes -	Air volume to suit occupancy at 10 litres per second per person
	Relative Pressure	BAL
	Dust Spot Efficiency	0
	Arrestance	0
	Filtration Humidity Notes -	0
	General HVAC Notes	
Lighting	*Service Illumination Lux*	300
	Service Illumination Lux Notes -	Couch
	Service Illumination Night Lux	0
	Service Illumination Night Lux Notes -	-
	Service Illumination Local Lux	1000
	Service Illumination Local Lux Notes -	Examination Lamp
	Colour Rendering	True
	Colour Rendering Notes	General room illumination Ra 85 Exam lamp Ra 90.
	Standby Lighting Grade	A
	Standby Lighting Grade Notes	Lighting of the level and quality equal or nearly equal to that provided by normal lighting
	Illumination Notes - Type of control: N N = Normal S = Selective V = Variable EM = Energy Management System Unified glare rating limit (UGRL): 19 Areas in which VDT present to comply with CIBSE Lighting Guide LG3 "The Visual Environment for Display Screen Use" Addendum 2001 General lighting notes: 1. Healthcare environment lighting installations to comply with CIBSE Lighting Guides LG2; LG3; & LG7 as applicable. 2. Default values to be used where surface reflectance factors not known: Ceilings: 0.7 ; Walls: 0.5; Floors: 0.2 3. The working plane is 0.85 metres above finished floor level.	
Safety	*Hot Surface Temperature deg C*	43
	Hot Water Temperature deg C	41
	Safety Temperature Notes	Maximum hot water temperature to be achieved in compliance with SHTN 6 'The Safe Operation and Maintenance of Thermostatic Mixing Valves
General Safety Notes		

Produced by Nightingale Associates

To be read with 400 Series Fixtures & Fittings drawings

09080	Schedule of Components by Room	C0237B

Project: 09080 Glasgow_Southern_General RENAL 16 BED WARD & DAY UNIT
Department: 04-02-02 Day Assessment & Treatment Area
Room: Consult Exam Room
Room Number: NSGH-04-RENW-122 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	BRA1000	Bracket for sharps bin		1
1		1	CAL034	LAMP, repeat call, patient/staff or staff emergency or cardiac call		1
1		1	CHA302	CHAIR, swivel, height adjustable, medium back, wipeable, 5 star base, on castors		3
2		2	CHA318	CHAIR, upright, with arms, upholstered, stacking, wipeable		3
1		1	CLO001	CLOCK battery, wall mounted		2
1		1	COMP1000	COMPUTER, complete with keyboard, screen and telephone. • 1 No. COM031 (grp 3) COMPUTER CPU • 1 No. COM033 (grp 3) COMPUTER KEYBOARD • 1 No. COM1000 (grp 3) COMPUTER MONITOR, TFT, digital flat panel display, desk top. • 1 No. TEL1000 (grp 3) TELEPHONE, handset, wall/desk mounted	[Union]	3
1		1	COU010	COUCH, examination/treatment, (3 section), variable height, retractable wheels, with paper roll holder		3
1		1	DATA1000	DATA POINTS, incorporating two power sockets and one data/telecom point. • 2 No. OUT010 (grp 1) SOCKET outlet, switched, 13 amp, twin • 1 No. OUT131 (grp 1) SOCKET outlet double data/voice, wall/trunking mounted	[Union]	1
1		1	DES1000	DESK, cantilever, cable management, modesty panel, 900W 700D		3
1		1	DIA7100	DIAGNOSTIC SET; wall mounted; comprising of a transformer; ophthalmoscope; auriscope; orascope; aneroid sphygmomanometer; complete.Incorporating fixing mechanism; transformer and OUT059. 50Hx200Wx50D		2
1		1	DIS011	DISPENSER, barrier cream, disposable single cartridge, wall mounted		2
1		1	DIS013	DISPENSER, paper towel, wall mounted		2
2		2	DIS026	DISPENSER, Medical hand sanitizer, lever action, wall mounted		2
1		1	DIS030	DISPENSER, soap, disposable single cartridge, lever action, wall mounted		2
1		1	DIS438	DISPENSER,disposable gloves set of 4 and disposable apron, wall mounted		2
2		2	HOL004	HOLDER, sack, with lid foot operated, small, freestanding		3

09080	Schedule of Components by Room	C0237B

Project: 09080 Glasgow_Southern_General RENAL 16 BED WARD & DAY UNIT
Department: 04-02-02 Day Assessment & Treatment Area
Room: Consult Exam Room
Room Number: NSGH-04-RENW-122 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
1		1	HOL020	HOLDER, sharps box, up to 7 litre capacity, trolley hang or wall mounted, 170H 125W 100D		3
6		5	HOO019	HOOK, single, small, wall mounted		2
1		1	LIG063	LUMINAIRE, examination, ceiling, adjustable, 1000 lux		1
1		1	MEST1029	MEDICAL SERVICE TRUNKING, Consulting / examination, to HTM 08-03 requirements. • 1 No. CAL007 (grp 1) PULL/PUSH BUTTON, staff emergency call, reset and integral/adjacent indicator lamp • 2 No. OUT012 (grp 1) SOCKET outlet switched 13amp twin, trunking mounted • 1 No. OUT131 (grp 1) SOCKET outlet double data/voice, wall/trunking mounted • 1 No. OUT470 (grp 1) OUTLET, oxygen, medical • 1 No. OUT475 (grp 1) OUTLET, vacuum, medical • 1 No. TRU1001 (grp 1) MEDICAL SERVICE TRUNKING, horizontal, length as drawn.	[Union]	1
1		1	MSC127	CABINET top, 600mm facing, (600x400 inserts), with formed plastic liners, 1 door hinged right, wall mounted		1
1		1	MSC128	CABINET top, 600mm facing, (600x400 inserts), with formed plastic liners, 1 door hinged left, wall mounted		1
1		1	MSC182	CABINET base, 600mm facing, with 2 shelves, 1 door hinged right, on 100mm plinth, o/a height 860		1
1		1	MSC183	CABINET base, 600mm facing, with 2 shelves, 1 door hinged left, on 100mm plinth, o/a height 860		1
3		3	OUT010	SOCKET outlet, switched, 13 amp, twin		1
1		1	OUT1005	CLEANERS SOCKET outlet, switched, 13 amp, single, wall mounted		1
1		1	OUT131	SOCKET outlet double data/voice, wall/trunking mounted		1
1		1	OUT8200	CONNECTION UNIT switched 13amp, flex outlet, ceiling mounted		1
1		1	SMT002	TROLLEY, modular storage, single open frame, including handle and worktop, with up to 5 sets of runners for 600 facing inserts, 850H 730W 450D		3
1		1	STF1000	INFILL, base cupboard, 860H, length as drawn 1 No. 100 x 470 mm		1
1		1	STF1001	INFILL, upper cupboard, 550H, length as drawn 1 No. 50 x 517 mm		1
1		1	SWC025	SWITCH, light		1
1		1	TRA1003	TRACK, curtain, bed/trolley, length and shape as drawn.		1

09080	Schedule of Components by Room	C0237B

Project: 09080 Glasgow_Southern_General RENAL 16 BED WARD & DAY UNIT
Department: 04-02-02 Day Assessment & Treatment Area
Room: Consult Exam Room
Room Number: NSGH-04-RENW-122 Revision: 03

New	Tr/Ex	Qty	Code	Description	--	Group
2		2	TRU1000	TRUNKING, Power and Data trunking, length as drawn 1 No. 160 x 220 mm 1 No. 1400 x 220 mm		1
1		1	WHBN1000	WASH BASIN, clinical, with non touch panel mounted tap/s. • 1 No. BAS101 (grp 1) BASIN, medium, hospital pattern, vitreous china, no tap holes, no overflow, integral back outlet, 500W 400D. HTM64LBHM • 1 No. OUT052 (grp 1) CONNECTION UNIT, switched, 13 amp • 1 No. TAP894 (grp 1) TAP bib, hospital pattern, integral thermostatic mixer, automatic action with sensor operation. HTM64TBH6 • 1 No. WAS100 (grp 1) WASTE, unslotted flush-grated, metal, 1.1/4 in. HTM64WT1 • 1 No. WAS1000 (grp 1) TRAP, concealed waste, for back outlet basins.	[Union]	1
1		1	WKT1005H	WORKTOP, standing, 700 deep 40mm thick, with 50mm upstand, length as drawn. 1 No. 1400 x 700 mm		1

SCOTTISH HOSPITALS INQUIRY

Bundle of documents for Oral hearings commencing from 19 August 2024 in relation to the Queen Elizabeth University Hospital and the Royal Hospital for Children, Glasgow

Bundle 47 – Volume 2

Ward 4C – Drawings and Room Data Sheets

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