

3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL 4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND 7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE PROVIDING 3-HOUR AUTONOMY LOCATED IN THE 9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR 11. THESE DRAWINGS INDICATE THE CIRCUITING ONLY. ADDITIONALLY, PLEASE REFER TO THE C-SHEETS (LOCATED IN THE ARCHITECTURAL PACKAGE) FOR

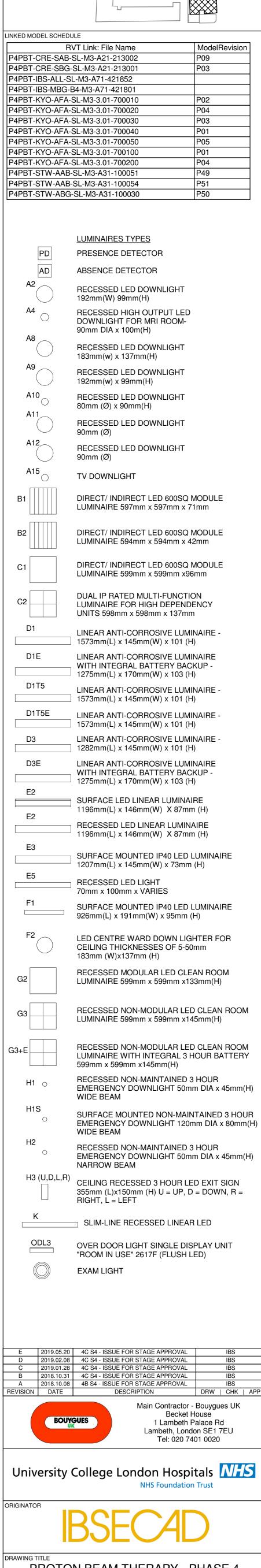
KEY PLAN

UMINAIRES TYPES	

ILLUMINATED SIGNAGE "DO NOT ENTER"

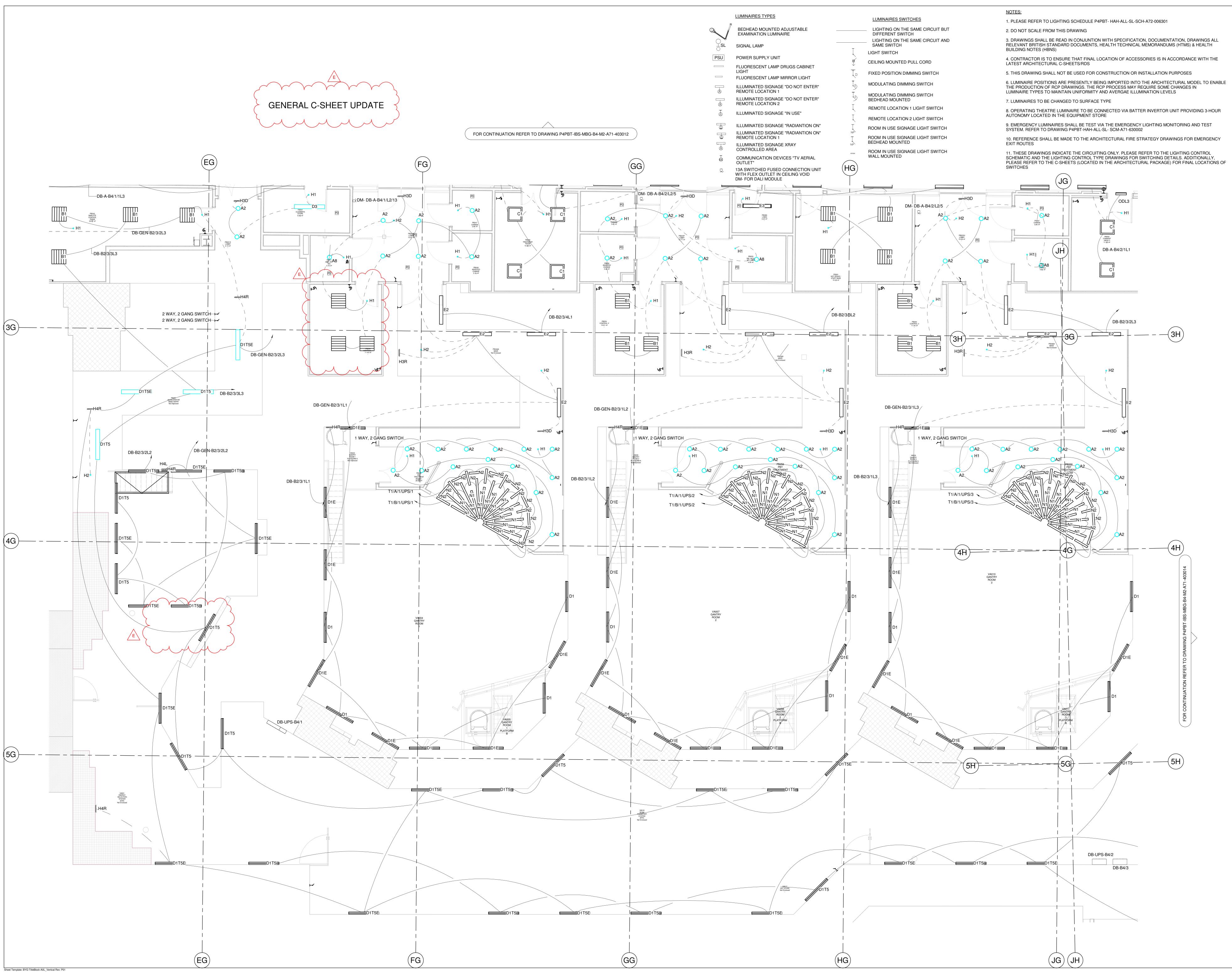
ILLUMINATED SIGNAGE "RADIANTION ON" ILLUMINATED SIGNAGE "RADIANTION ON"

COMMUNICATION DEVICES "TV AERIAL 13A SWITCHED FUSED CONNECTION UNIT

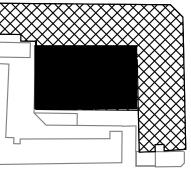


PROTON BEAM THERAPY - PHASE 4 **BASEMENT LEVEL 4 LIGHTING LAYOUT** SHEET 2

SCALE @A0		BIM FILE N	BIM FILE NAME - REVISION				
1 : 50		Р	P4PBT-IBS-ALL-SL-CM-A71-400000				
FIRST ISSUE DATE			PROPOSE	ED STATUS	6		
11.04.18			4C S4 - FOR STAGE APPROV			OVAL	
PROJECT	ISSUER	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT IBS MBG B4 M2 A71 403012 E					Е		



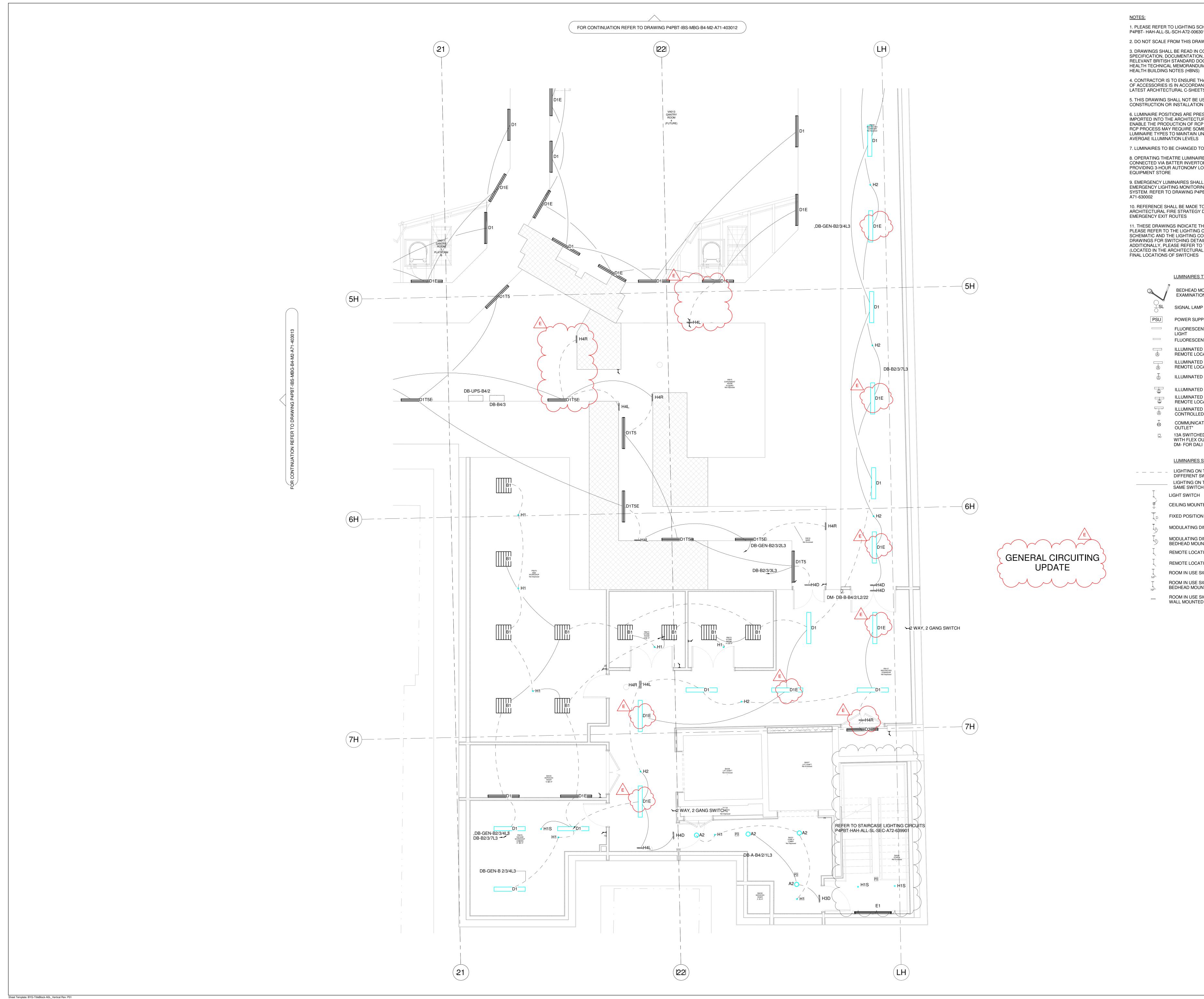




LINKED MODEL SCHEDULE	
RVT Link: File Name	ModelRevision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421852	
P4PBT-IBS-MBG-B4-M3-A71-421801	
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P51
P4PBT-STW-ABG-SL-M3-A31-100030	P50

	LUMINAIRES TYPES
PD	PRESENCE DETECTOR
AD A2	
A4	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
A11	RECESSED LED DOWNLIGHT
A12	90mm (Ø) RECESSED LED DOWNLIGHT
A15	90mm (Ø) TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSIVE LUMINAIRE -
D1E	1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE
D1T5	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D1T5E	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1T5E	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
	LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
E2	SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E2 E3	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E5	SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H) RECESSED LED LIGHT
F1	70mm x 100mm x VARIES SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
F2	LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm
G2	183mm (W)x137mm (H) RECESSED MODULAR LED CLEAN ROOM
G3	LUMINAIRE 599mm x 599mm x133mm(H) RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
G3+E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY
H1 o	599mm x 599mm x145mm(H) RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H)
H1S O	WIDE BEAM SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H)
H2	WIDE BEAM RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R =
K	RIGHT, L = LEFT
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT
	"ROOM IN USE" 2617F (FLUSH LED) EXAM LIGHT
E 2019.05.20 D 2019.02.08 C 2019.01.28	4C S4 - ISSUE FOR STAGE APPROVALIBS4C S4 - ISSUE FOR STAGE APPROVALIBS4C S4 - ISSUE FOR STAGE APPROVALIBS
B 2018.10.31 A 2018.10.08 REVISION DATE	4C S4 - ISSUE FOR STAGE APPROVAL IBS 4B S4 - ISSUE FOR STAGE APPROVAL IBS DESCRIPTION DRW CHK APP
BOUY	GUES Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU
	Tel: 020 7401 0020
University	College London Hospitals NHS Foundation Trust
RIGINATOR	BSECAD
RAWING TITLE PROTO	N BEAM THERAPY - PHASE 4
	NT LEVEL 4 LIGHTING LAYOUT
CALE @A0	SHEET 3 BIM FILE NAME - REVISION
1:50	P4PBT-IBS-ALL-SL-CM-A71-400000 PROPOSED STATUS
11.04.18	4C S4 - FOR STAGE APPROVAL
	AREA LEVEL TYPE TRADE SEQUENCE REVISION

P4PBT IBS MBG B4 M2 A71 403013 E



1. PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301

2. DO NOT SCALE FROM THIS DRAWING

3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) &

4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS

5. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES 6. LUMINAIRE POSITIONS ARE PRESENTLY BEING IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND AVERGAE ILLUMINATION LEVELS

7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE 8. OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE

9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-

10. REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR

11. THESE DRAWINGS INDICATE THE CIRCUITING ONLY. PLEASE REFER TO THE LIGHTING CONTROL SCHEMATIC AND THE LIGHTING CONTROL TYPE DRAWINGS FOR SWITCHING DETAILS. ADDITIONALLY, PLEASE REFER TO THE C-SHEETS (LOCATED IN THE ARCHITECTURAL PACKAGE) FOR

LUMINAIRES TYPES

BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE

SIGNAL LAMP

POWER SUPPLY UNIT FLUORESCENT LAMP DRUGS CABINET LIGHT

FLUORESCENT LAMP MIRROR LIGHT ILLUMINATED SIGNAGE "DO NOT ENTER" **REMOTE LOCATION 1** ILLUMINATED SIGNAGE "DO NOT ENTER"

REMOTE LOCATION 2 ILLUMINATED SIGNAGE "IN USE"

ILLUMINATED SIGNAGE "RADIANTION ON" ILLUMINATED SIGNAGE "RADIANTION ON" REMOTE LOCATION 1 ILLUMINATED SIGNAGE XRAY

CONTROLLED AREA COMMUNICATION DEVICES "TV AERIAL OUTLET"

13A SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN CEILING VOID DM- FOR DALI MODULE

LUMINAIRES SWITCHES

_ _ _ _ _ LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH

LIGHT SWITCH

CEILING MOUNTED PULL CORD FIXED POSITION DIMMING SWITCH

MODULATING DIMMING SWITCH

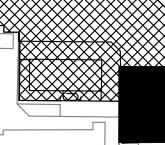
MODULATING DIMMING SWITCH BEDHEAD MOUNTED

REMOTE LOCATION 1 LIGHT SWITCH REMOTE LOCATION 2 LIGHT SWITCH

ROOM IN USE SIGNAGE LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED

ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED

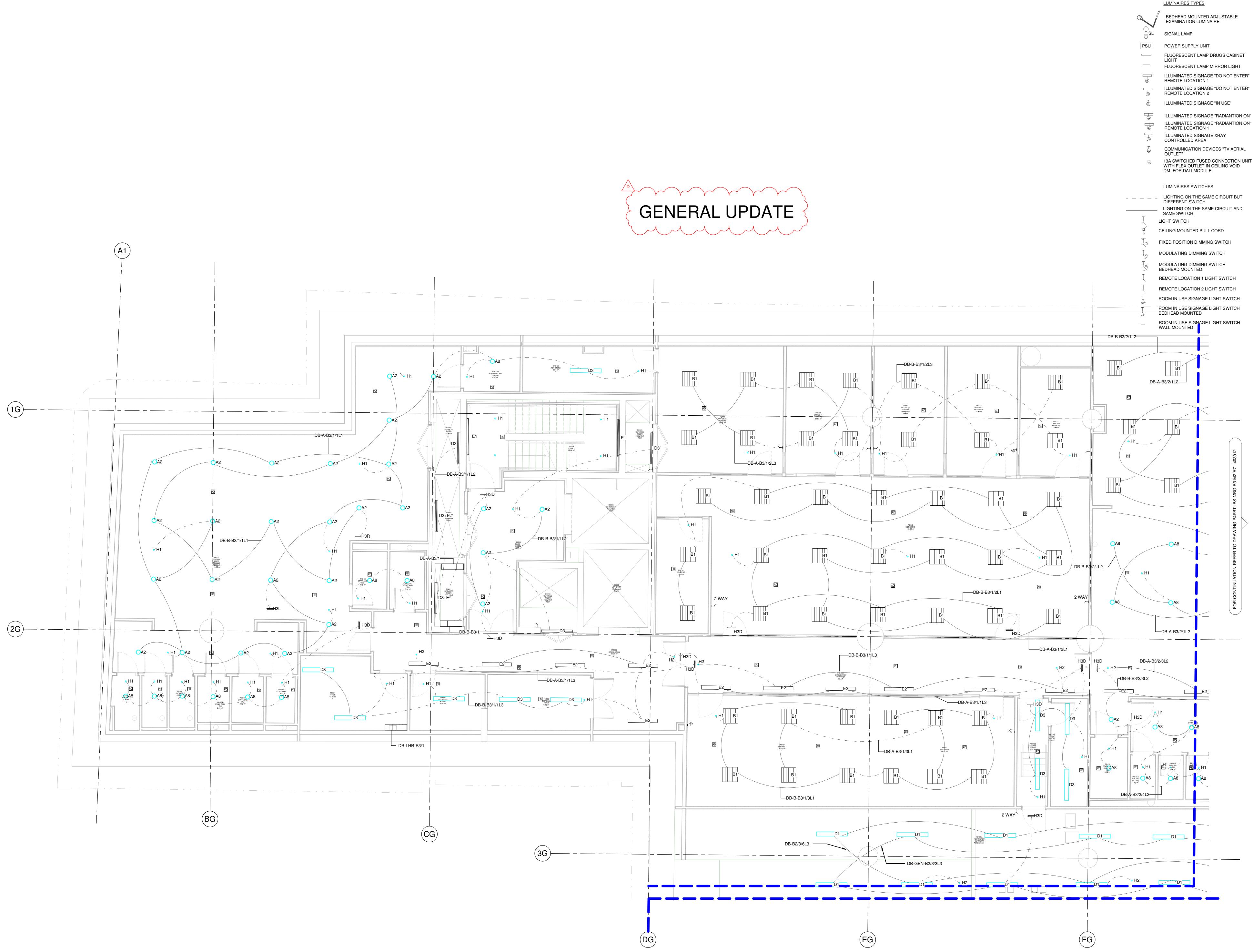




RVT Link: File Name	ModelRevision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421852	
P4PBT-IBS-MBG-B4-M3-A71-421801	
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P51
P4PBT-STW-ABG-SL-M3-A31-100030	P50

	LUMINAIRES TYPES
PD AD	PRESENCE DETECTOR ABSENCE DETECTOR
	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
A4 _	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
A11	RECESSED LED DOWNLIGHT 90mm (Ø)
A12	RECESSED LED DOWNLIGHT 90mm (Ø)
A15	TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSIVE LUMINAIRE -
D1E	1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -
D1T5	1275mm(L) x 170mm(W) x 103 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -
D1T5E	LINEAR ANTI-CORROSIVE LUMINAIRE -
D3	1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -
D3E	1282mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE
E2	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
E2	SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E3	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E5	SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
F1	RECESSED LED LIGHT 70mm x 100mm x VARIES SURFACE MOUNTED IP40 LED LUMINAIRE
F2	926mm(L) x 191mm(W) x 95mm (H) LED CENTRE WARD DOWN LIGHTER FOR
	CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H) RECESSED MODULAR LED CLEAN ROOM
G2	LUMINAIRE 599mm x 599mm x133mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
G3+E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H)
H1 _O	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
H1S 0	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
H2 0	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
К	SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
	EXAM LIGHT
E 2019.05.20 D 2019.02.08 C 2019.01.28	4C S4 - ISSUE FOR STAGE APPROVAL IBS 4C S4 - ISSUE FOR STAGE APPROVAL IBS 4C S4 - ISSUE FOR STAGE APPROVAL IBS
B 2018.10.31 A 2018.10.08 REVISION DATE	4C S4 - ISSUE FOR STAGE APPROVAL IBS 4B S4 - ISSUE FOR STAGE APPROVAL IBS DESCRIPTION DRW CHK APP
BOUY	
	Lambeth, London SE1 7EU Tel: 020 7401 0020
University (College London Hospitals NHS Foundation Trust
ORIGINATOR	
	N BEAM THERAPY - PHASE 4 NT LEVEL 4 LIGHTING LAYOUT SHEET 4
SCALE @A0	BIM FILE NAME - REVISION
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400000

SCALE @A0		BIM FILE I	BIM FILE NAME - REVISION				
1 : 50		Р	P4PBT-IBS-ALL-SL-CM-A71-400000				
FIRST ISSUE DATE			PROPOSE	ED STATUS	6		
12.04.18		4C S	4 - FO	R STAG	E APPRO	OVAL	
PROJECT	ISSUER	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT	IBS	MBG	B4	M2	A71	403014	Е



COMMUNICATION DEVICES "TV AERIAL 13A SWITCHED FUSED CONNECTION UNIT

ILLUMINATED SIGNAGE "RADIANTION ON"

ILLUMINATED SIGNAGE "DO NOT ENTER"

PD PRESENCE DETECTOR AD ABSENCE DETECTOR A2 ____ RECESSED LED DOWNLIGHT 192mm(W) 99mm(H) A4 ____ RECESSED HIGH OUTPUT LED \bigcirc DOWNLIGHT FOR MRI ROOM-90mm DIA x 100m(H) A8 ____ RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H) A9 _ RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H) A10 RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H) A11_ RECESSED LED DOWNLIGHT \bigcirc 90mm (Ø) A12___ RECESSED LED DOWNLIGHT 90mm (Ø) \bigcirc A15 TV DOWNLIGHT DIRECT/ INDIRECT LED 600SQ MODULE B1 | | | LUMINAIRE 597mm x 597mm x 71mm DIRECT/ INDIRECT LED 600SQ MODULE B2 | | | LUMINAIRE 594mm x 594mm x 42mm DIRECT/ INDIRECT LED 600SQ MODULE C1 LUMINAIRE 599mm x 599mm x96mm DUAL IP RATED MULTI-FUNCTION C2 LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm LINEAR ANTI-CORROSIVE LUMINAIRE -1573mm(L) x 145mm(W) x 101 (H) D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -¹ 1275mm(L) x 170mm(W) x 103 (H) D1T5 LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101 (H) D1T5E LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -D3 1282mm(L) x 145mm(W) x 101 (H) D3E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -1275mm(L) x 170mm(W) x 103 (H) SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H) RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H) F3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H) F5 RECESSED LED LIGHT 70mm x 100mm x VARIES SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H) F2 _ LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H) RECESSED MODULAR LED CLEAN ROOM G2 | LUMINAIRE 599mm x 599mm x133mm(H) RECESSED NON-MODULAR LED CLEAN ROOM G3 _____ LUMINAIRE 599mm x 599mm x145mm(H) RECESSED NON-MODULAR LED CLEAN ROOM G3+E LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H) RECESSED NON-MAINTAINED 3 HOUR H1 🔾 EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM H1S SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM H2 RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM H3 (U,D,L,R) CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT SLIM-LINE RECESSED LINEAR LED ODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED) EXAM LIGHT SUE FOR STAGE APPRO
 1.30
 4C S4 - ISSUE FOR STAGE APPROVAL

 1.05
 4B S4 - ISSUE FOR STAGE APPROVAL

 4.24
 S3 - FOR COMMENT
 REVISION DESCRIPTION Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020 University College London Hospitals NHS **NHS Foundation Trust** WING TITLE PROTON BEAM THERAPY - PHASE 4 BASEMENT LEVEL 3 LIGHTING LAYOUT SHEET 1 SCALE @A0 BIM FILE NAME - REVISION 1:50 P4PBT-IBS-ALL-SL-CM-A71-400000

FIRST ISSUE DATE

24.04.18

PROPOSED STATUS

PROJECT ISSUER AREA LEVEL TYPE TRADE SEQUENCE REVISIO P4PBT IBS MBG B3 M2 A71 403011 D

4C S4 - FOR STAGE APPROVAL



RVT Link: File Name

P4PBT-CRE-SAB-SL-M3-A21-213002

P4PBT-CRE-SBG-SL-M3-A21-213001

P4PBT-IBS-ALL-SL-M3-A71-421852

P4PBT-IBS-MBG-B3-M3-A71-421802

P4PBT-KYO-AFA-SL-M3-3.01-700010

P4PBT-KYO-AFA-SL-M3-3.01-700020

P4PBT-KYO-AFA-SL-M3-3.01-700030

P4PBT-KYO-AFA-SL-M3-3.01-700040

P4PBT-KYO-AFA-SL-M3-3.01-700050 P4PBT-KYO-AFA-SL-M3-3.01-700100

P4PBT-KYO-AFA-SL-M3-3.01-700200

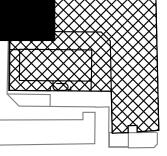
P4PBT-STW-AAB-SL-M3-A31-100051

P4PBT-STW-AAB-SL-M3-A31-100054

P4PBT-STW-ABG-SL-M3-A31-100030

LUMINAIRES TYPES

LINKED MODEL SCHEDULE



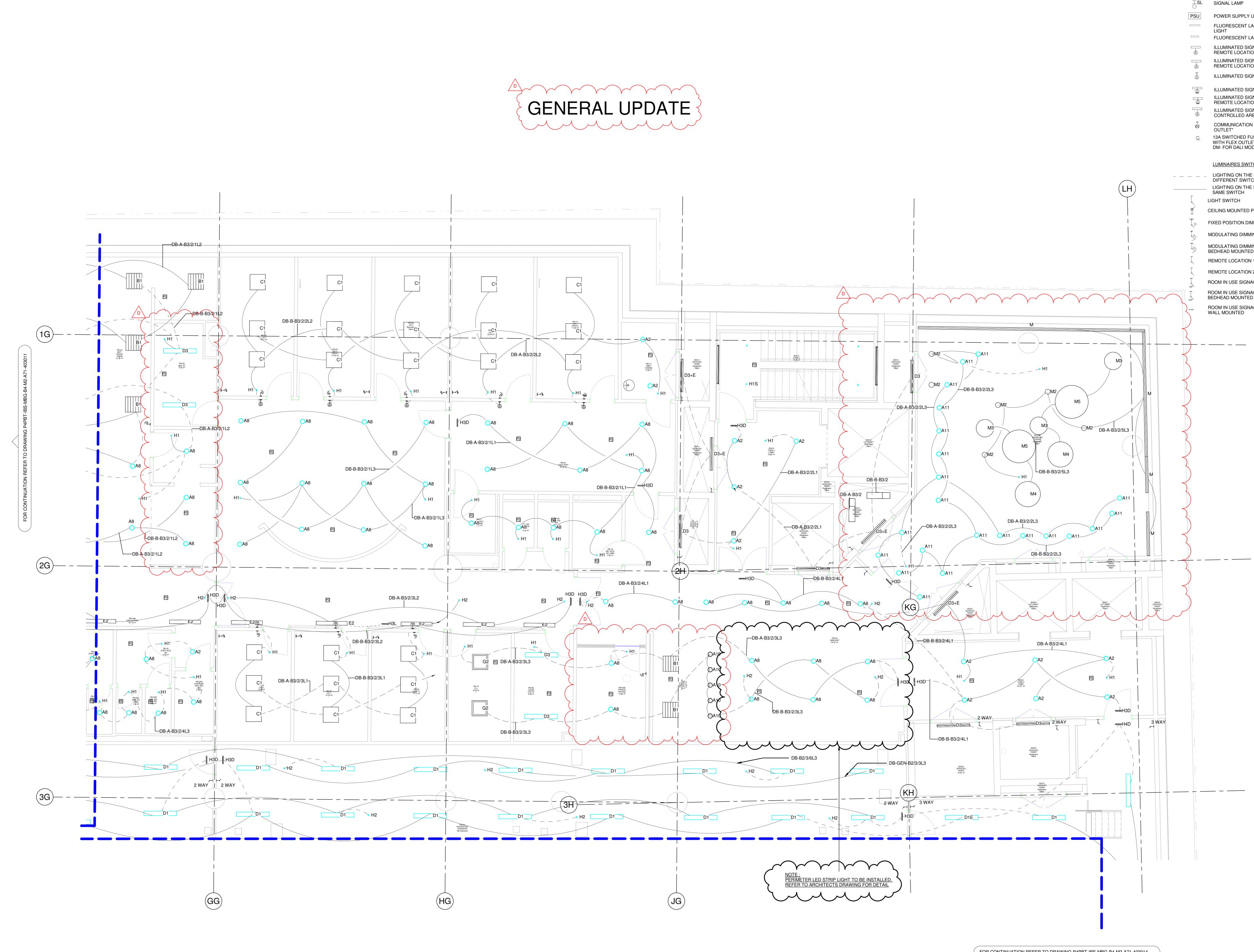
ModelRevision

P09

P03

P03

P49





FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MBG-B4-M2-A71-403014

LUMINAIRES TYPES	

BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE

FLUORESCENT LAMP DRUGS CABINET

ILLUMINATED SIGNAGE "DO NOT ENTER"

ILLUMINATED SIGNAGE "DO NOT ENTER"

ILLUMINATED SIGNAGE "RADIANTION ON"

ILLUMINATED SIGNAGE "RADIANTION ON"

COMMUNICATION DEVICES "TV AERIAL

13A SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN CEILING VOID

LIGHTING ON THE SAME CIRCUIT BUT

LIGHTING ON THE SAME CIRCUIT AND

ILLUMINATED SIGNAGE "IN USE"

ILLUMINATED SIGNAGE XRAY

SIGNAL LAMP

⊥SL

PSU

POWER SUPPLY UNIT

REMOTE LOCATION 1

REMOTE LOCATION 2

REMOTE LOCATION 1

CONTROLLED AREA

DM- FOR DALI MODULE

LUMINAIRES SWITCHES

CEILING MOUNTED PULL CORD

MODULATING DIMMING SWITCH

MODULATING DIMMING SWITCH

REMOTE LOCATION 1 LIGHT SWITCH

REMOTE LOCATION 2 LIGHT SWITCH

ROOM IN USE SIGNAGE LIGHT SWITCH

ROOM IN USE SIGNAGE LIGHT SWITCH

ROOM IN USE SIGNAGE LIGHT SWITCH

BEDHEAD MOUNTED

BEDHEAD MOUNTED

WALL MOUNTED

FIXED POSITION DIMMING SWITCH

DIFFERENT SWITCH

SAME SWITCH

LIGHT SWITCH

OUTLET"

FLUORESCENT LAMP MIRROR LIGHT

LIGHT

KEY PLAN LINKED MODEL SCHEDULE ModelRevision RVT Link: File Name P4PBT-CRE-SAB-SL-M3-A21-213002 P09 P4PBT-CRE-SBG-SL-M3-A21-213001 P03 P4PBT-IBS-ALL-SL-M3-A71-421852 P4PBT-IBS-MBG-B3-M3-A71-421802 P4PBT-KYO-AFA-SL-M3-3.01-700010 P4PBT-KYO-AFA-SL-M3-3.01-700020 P4PBT-KYO-AFA-SL-M3-3.01-700030 P03 P4PBT-KYO-AFA-SL-M3-3.01-700040 P4PBT-KYO-AFA-SL-M3-3.01-700050 P4PBT-KYO-AFA-SL-M3-3.01-700100 P4PBT-KYO-AFA-SL-M3-3.01-700200 P4PBT-STW-AAB-SL-M3-A31-100051 P4PBT-STW-AAB-SL-M3-A31-100054 P4PBT-STW-ABG-SL-M3-A31-100030 LUMINAIRES TYPES

PD PRESENCE DETECTOR ABSENCE DETECTOR AD A2 🤇 RECESSED LED DOWNLIGHT 192mm(W) 99mm(H) A4 _ RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM-90mm DIA x 100m(H) A8 ____ RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H) A9 ____ RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H) A10 RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H) A11___ RECESSED LED DOWNLIGHT 90mm (Ø) A12___ RECESSED LED DOWNLIGHT \bigcirc 90mm (Ø) A15 _ TV DOWNLIGHT DIRECT/ INDIRECT LED 600SQ MODULE B1 | | LUMINAIRE 597mm x 597mm x 71mm B2 | DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm DIRECT/ INDIRECT LED 600SQ MODULE C1 LUMINAIRE 599mm x 599mm x96mm DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY C2 UNITS 598mm x 598mm x 137mm D1 LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101 (H) D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -1275mm(L) x 170mm(W) x 103 (H) D1T5 LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101 (H) D1T5E LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE D3 1282mm(L) x 145mm(W) x 101 (H) D3E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -1275mm(L) x 170mm(W) x 103 (H) E2 SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H) E2 RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H) E3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H) E5 RECESSED LED LIGHT 70mm x 100mm x VARIES F1 SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H) F2 _____ LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H) RECESSED MODULAR LED CLEAN ROOM G2 LUMINAIRE 599mm x 599mm x133mm(H) RECESSED NON-MODULAR LED CLEAN ROOM G3 _____ LUMINAIRE 599mm x 599mm x145mm(H) RECESSED NON-MODULAR LED CLEAN ROOM G3+E LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H) RECESSED NON-MAINTAINED 3 HOUR H1 O EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM H1S SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM H2 RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM H3 (U,D,L,R) CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT SLIM-LINE RECESSED LINEAR LED ODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED) EXAM LIGHT 5.20 4C S4 - ISSUE FOR STAGE APPRO 4C S4 - ISSUE FOR STAGE APPRON
 2019.02.11
 40.34 - ISSUE FOR STAGE AFTROL ALTION.L

 2018.11.05
 4B S4 - ISSUE FOR STAGE APPROVAL

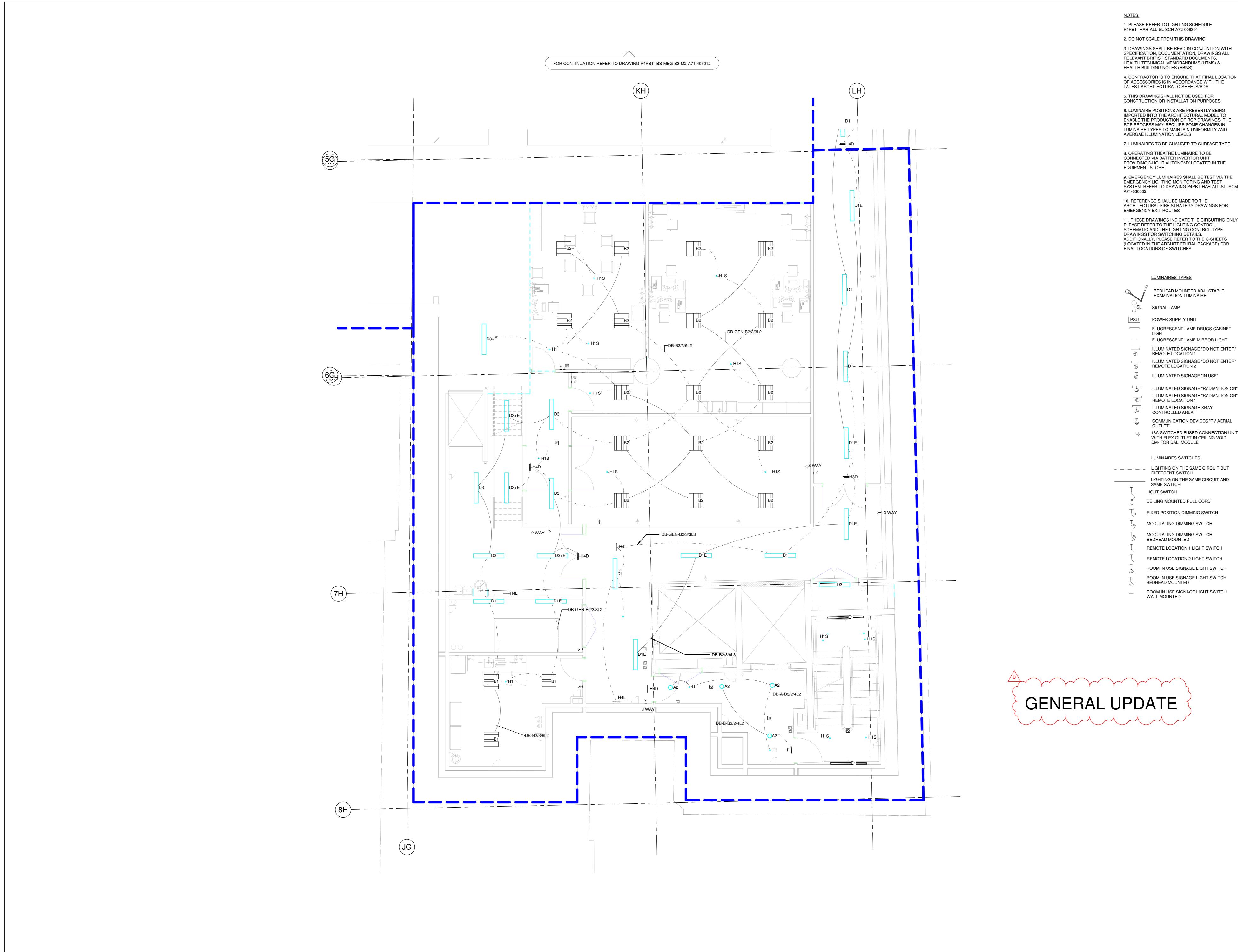
 2018.09.04
 4b S3 - FOR REVIEW AND COMMENT

 2018.04.24
 S3 - FOR COMMENT
 REVISION DESCRIPTION Main Contractor - Bouygues UK Becket House BOUYGUES 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020

University College London Hospitals MHS **NHS Foundation Trust**

AWING TITLE PROTON BEAM THERAPY - PHASE 4 BASEMENT LEVEL 3 LIGHTING LAYOUT SHEET 2

			-				
SCALE @A0		BIM FILE I	NAME - RE	VISION			
1:50			Р	4PBT-IB	S-ALL-SL-C	M-A71-4000	00
FIRST ISSUE DATE			PROPOSED STATUS				
24.04.18			4b S4 - FOR STAGE APPROV			DVAL	
PROJECT	ISSUER	AREA	EA LEVEL TYPE TRADE SEQUENCE REV				REVISION
P4PBT	IBS	MBG	B3	M2	A71	403012	D



1. PLEASE REFER TO LIGHTING SCHEDULE

3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) &

4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS

6. LUMINAIRE POSITIONS ARE PRESENTLY BEING IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND

8. OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT

9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-

10. REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR

11. THESE DRAWINGS INDICATE THE CIRCUITING ONLY. PLEASE REFER TO THE LIGHTING CONTROL SCHEMATIC AND THE LIGHTING CONTROL TYPE DRAWINGS FOR SWITCHING DETAILS. ADDITIONALLY, PLEASE REFER TO THE C-SHEETS (LOCATED IN THE ARCHITECTURAL PACKAGE) FOR

BEDHEAD MOUNTED ADJUSTABLE

FLUORESCENT LAMP DRUGS CABINET FLUORESCENT LAMP MIRROR LIGHT

> ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1

ILLUMINATED SIGNAGE "IN USE"

ILLUMINATED SIGNAGE "RADIANTION ON" ILLUMINATED SIGNAGE "RADIANTION ON" **REMOTE LOCATION 1**

COMMUNICATION DEVICES "TV AERIAL

13A SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN CEILING VOID DM- FOR DALI MODULE

LUMINAIRES SWITCHES

LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND

CEILING MOUNTED PULL CORD

MODULATING DIMMING SWITCH

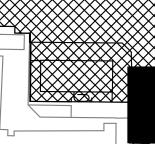
MODULATING DIMMING SWITCH

REMOTE LOCATION 1 LIGHT SWITCH REMOTE LOCATION 2 LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH

ROOM IN USE SIGNAGE LIGHT SWITCH



LINKED MODEL SCHEDULE



RVT Link: File Name	ModelRevision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421852	
P4PBT-IBS-MBG-B3-M3-A71-421802	P23
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P51
P4PBT-STW-ABG-SL-M3-A31-100030	P50

LUMINAIRES TYPES

		LUMINAIRES TYPES PRESENCE DETECTOR	
	PD	ABSENCE DETECTOR	
A2	\bigcirc	RECESSED LED DOWNLIGHT	
A4	0	192mm(W) 99mm(H) RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM-	,
A8	\bigcirc	90mm DIA x 100m(H) RECESSED LED DOWNLIGHT	
A9	\bigcirc	183mm(w) x 137mm(H) RECESSED LED DOWNLIGHT	
A1	0_	192mm(w) x 99mm(H) RECESSED LED DOWNLIGHT	
A1	0 1	80mm (Ø) x 90mm(H)	
A1:	() 2_	RECESSED LED DOWNLIGHT 90mm (Ø)	
	\bigcirc	RECESSED LED DOWNLIGHT 90mm (Ø)	
A1:	°0	TV DOWNLIGHT	
B1		DIRECT/ INDIRECT LED 600SQ LUMINAIRE 597mm x 597mm x 7	
B2		DIRECT/ INDIRECT LED 600SQ LUMINAIRE 594mm x 594mm x 4	
C1		DIRECT/ INDIRECT LED 600SQ LUMINAIRE 599mm x 599mm x9	
C2		DUAL IP RATED MULTI-FUNCTI LUMINAIRE FOR HIGH DEPEND UNITS 598mm x 598mm x 137mi	DENCY
D1		LINEAR ANTI-CORROSIVE LUM 1573mm(L) x 145mm(W) x 101 (H	
D1	E	LINEAR ANTI-CORROSIVE LUM WITH INTEGRAL BATTERY BAC 1275mm(L) x 170mm(W) x 103 (H	CKUP -
D1	T5	LINEAR ANTI-CORROSIVE LUM 1573mm(L) x 145mm(W) x 101 (H	
D1	T5E	LINEAR ANTI-CORROSIVE LUM 1573mm(L) x 145mm(W) x 101 (H	
D3		LINEAR ANTI-CORROSIVE LUM 1282mm(L) x 145mm(W) x 101 (H	
D3		LINEAR ANTI-CORROSIVE LUM WITH INTEGRAL BATTERY BAC 1275mm(L) x 170mm(W) x 103 (H	CKUP -
E2		SURFACE LED LINEAR LUMINA 1196mm(L) x 146mm(W) X 87m	
E3		RECESSED LED LINEAR LUMIN 1196mm(L) x 146mm(W) X 87m	
		SURFACE MOUNTED IP40 LED 1207mm(L) x 145mm(W) x 73mm	
E5		RECESSED LED LIGHT 70mm x 100mm x VARIES	
F1		SURFACE MOUNTED IP40 LED 926mm(L) x 191mm(W) x 95mm	
F2	\bigcirc	LED CENTRE WARD DOWN LIG CEILING THICKNESSES OF 5-5 183mm (W)x137mm (H)	
G2		RECESSED MODULAR LED CLE LUMINAIRE 599mm x 599mm x1	
G3		RECESSED NON-MODULAR LE LUMINAIRE 599mm x 599mm x1	
G3+E		RECESSED NON-MODULAR LE LUMINAIRE WITH INTEGRAL 3 599mm x 599mm x145mm(H)	
H1	0	RECESSED NON-MAINTAINED EMERGENCY DOWNLIGHT 50m WIDE BEAM	
H1	S O	SURFACE MOUNTED NON-MAIL EMERGENCY DOWNLIGHT 120 WIDE BEAM	
H2	0	RECESSED NON-MAINTAINED EMERGENCY DOWNLIGHT 50m NARROW BEAM	
H3	(U,D,L,R)	CEILING RECESSED 3 HOUR LI 355mm (L)x150mm (H) U = UP, I RIGHT, L = LEFT	
k	<	□ SLIM-LINE RECESSED LINEA	R LED
	DL3	OVER DOOR LIGHT SINGLE DIS	
(\bigcirc	"ROOM IN USE" 2617F (FLUSH EXAM LIGHT	LED)
	~		
D	2019.05.20	4C S4 - ISSUE FOR STAGE APPROVAL	IBS
C 2 B 2	2019.02.11 2019.01.30 2018.10.12	4C S4 - ISSUE FOR STAGE APPROVAL 4C S4 - ISSUE FOR STAGE APPROVAL 4C S4 - ISSUE FOR STAGE APPROVAL 4B S4 - ISSUE FOR STAGE APPROVAL	IBS IBS IBS IBS
REVISION		DESCRIPTION	

 A
 2018.10.12
 4B S4 - ISSUE FOR STAGE APPROVA

 REVISION
 DATE
 DESCRIPTION
 Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020

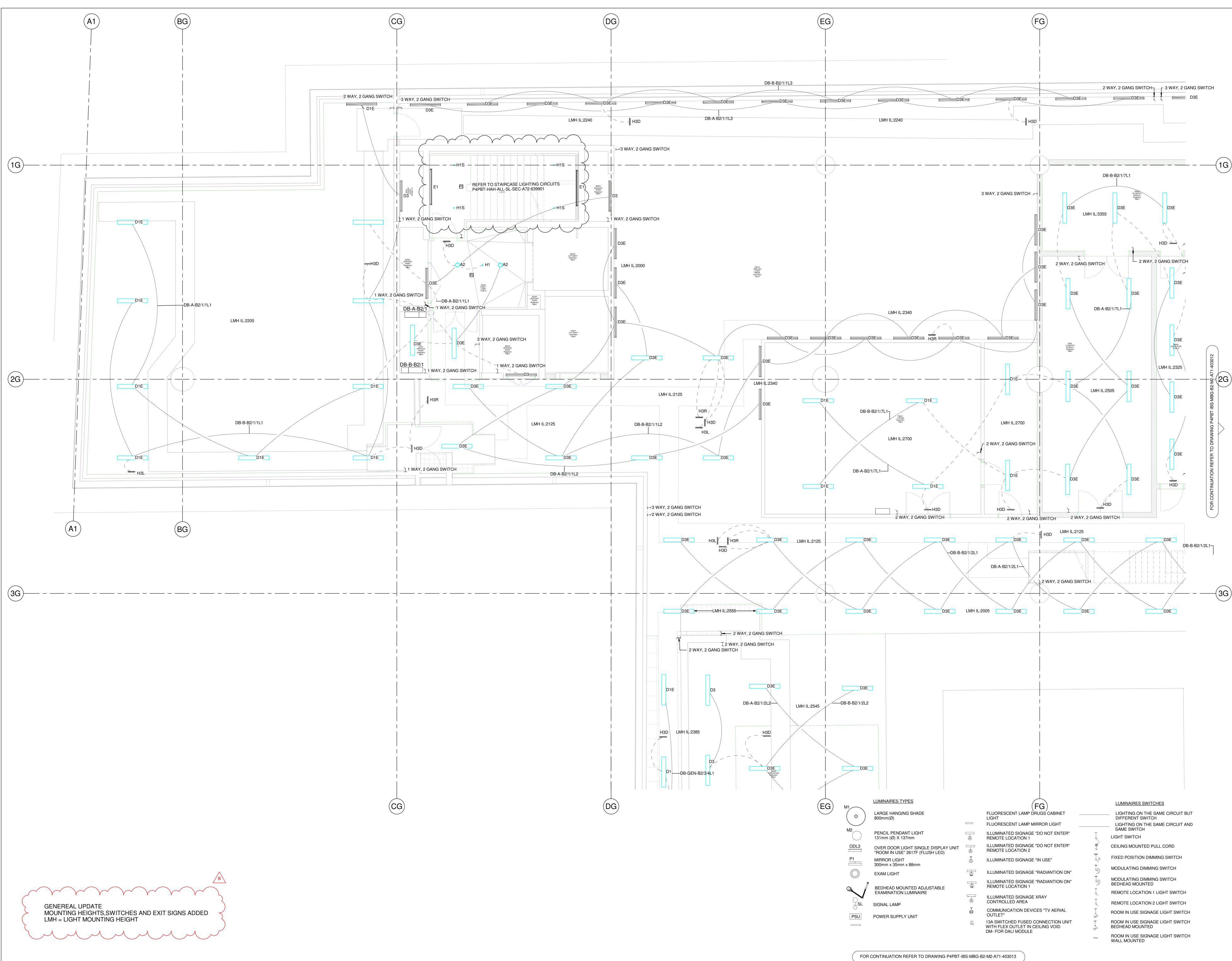
University College London Hospitals

BOUYGUES



BASEMENT LEVEL 3 LIGHTING LAYOUT
SHEET 4

SCALE @A0			BIM FILE I	NAME - RE	VISION		
1:50			Р	P4PBT-IBS-ALL-SL-CM-A71-400000			
FIRST ISSUE DATE			PROPOSE	ED STATUS	6		
12.10.2018			4C S	4 - FO	R STAG	E APPRO	OVAL
PROJECT ISSUER AREA			LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT	IBS	MBG	B3	M2	A71	403014	D



 \bigtriangledown

IL:3355 D3E H3D +3D - 2 WAY, 2 GANG SWITCH D3E DB-A-B2/1/7L1 D3E D3E D3E D3E D3E D3E D3E D3E D3E D3E	192mm(W) 99mm(H) A4 RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H) A8 RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H) A9 RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H) A10 RECESSED LED DOWNLIGHT 90mm (Ø) x 90mm(H) A11 RECESSED LED DOWNLIGHT 90mm (Ø) A12 RECESSED LED DOWNLIGHT 90mm (Ø) A13 LED Directional Spot Light (Type PT-J) 49mmØ X 80mm A15 TV DOWNLIGHT B1 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm B2 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 42mm C1 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 42mm C1 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 42mm D1 LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H) D1E LINEAR ANTI-CORROSIVE LUMINAIRE - 1275mm(L) x 170mm(W) x 103 (H)
ANG SWITCH DB-B-B2/1/2L1 (3G)	D1T5 LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H) D1T5E LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H) D3 LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H) D3E LINEAR ANTI-CORROSIVE LUMINAIRE - 1275mm(L) x 145mm(W) x 103 (H) E2 RECESSED LED LINEAR LUMINAIRE - 1275mm(L) x 146mm(W) x 73mm (H) E3 SURFACE MOUNTED IP40 LED LUMINAIRE - 1207mm(L) x 146mm(W) x 73mm (H) E4 RECESSED LED LIGHT - 70mm x 100mm x VARIES E6 LARGE FORMAT SURFACE MOUNTED - ARTEMIDE - TAGORA CEILING - 1200mm (Ø) F1 SURFACE MOUNTED IP40 LED LUMINAIRE - 926mm(L) x 191mm(W) x 95mm (H) G2 LARGE FORMAT SURFACE MOUNTED - G2 LARGE FORMAT SURFACE MOUNTED - G3 RECESSED MODULAR LED CLEAN ROOM LUMINAIRE - G3 RECESSED NON-MADULAR LED CLEAN ROOM LUMINAIRE S99mm x 145mm(H) G3+E RECESSED NON-MANITAINED 3 HOUR At5mm(H) G3+E RECESSED NON-MANITAINED 3 HOUR EMERTERY S99mm x 145mm(H) G3+E RECESS
LUMINAIRES SWITCHES LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH LIGHT SWITCH CEILING MOUNTED PULL CORD FD FIXED POSITION DIMMING SWITCH MODULATING DIMMING SWITCH BEDHEAD MOUNTED I REMOTE LOCATION 1 LIGHT SWITCH REMOTE LOCATION 2 LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH	B 2019.08.08 4B S4 - FOR STAGE APPROVAL IBS REVISION DATE DESCRIPTION DRW CHK APP Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth Palace Rd Lambeth Palace Rd Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Improvementation Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Improvementation Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd University College London Hospitals Improvementation Trust ORIGINATOR DRECCADD DRAWING TITLE PROTON BEAM THERAPY - PHASE 4 BASEMENT LEVEL 2 LIGHTING LAYOUT SHEET 1 SCALE @A0 1 SSUE DATE PROPOSED STATUS 2 1.02.2019 4B S4 - REVIEW & COMMENT PROJECT ISS MBG B2 M2 A71 403011 B

KEY PLAN LINKED MODEL SCHEDULE

D3E

RVT Link: File Name

LUMINAIRES TYPES

PRESENCE DETECTOR

ABSENCE DETECTOR

RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)

PHOTO CELL

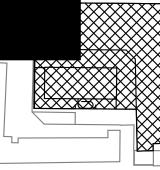
P4PBT-ANE-MBG-B2-M3-A71-500001 P4PBT-CRE-SAB-SL-M3-A21-213002 P4PBT-CRE-SBG-SL-M3-A21-213001 P4PBT-IBS-ALL-SL-M3-A71-421851 P4PBT-IBS-MBG-B3-M3-A71-421802 P4PBT-STW-AAB-SL-M3-A31-100051 P4PBT-STW-ABG-SL-M3-A31-100030 P4PBT-STW-ALL-SL-M3-A31-100010

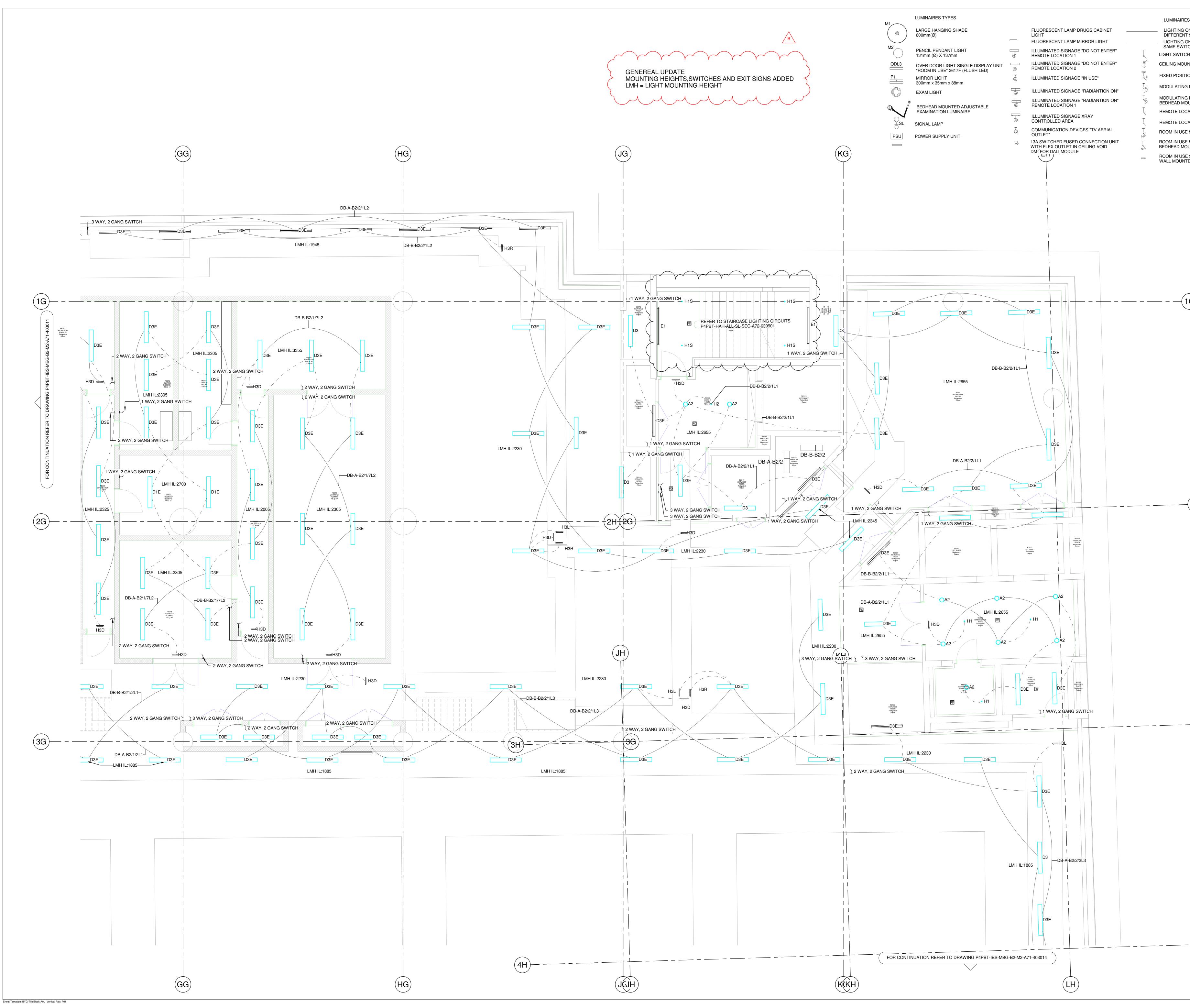
PD

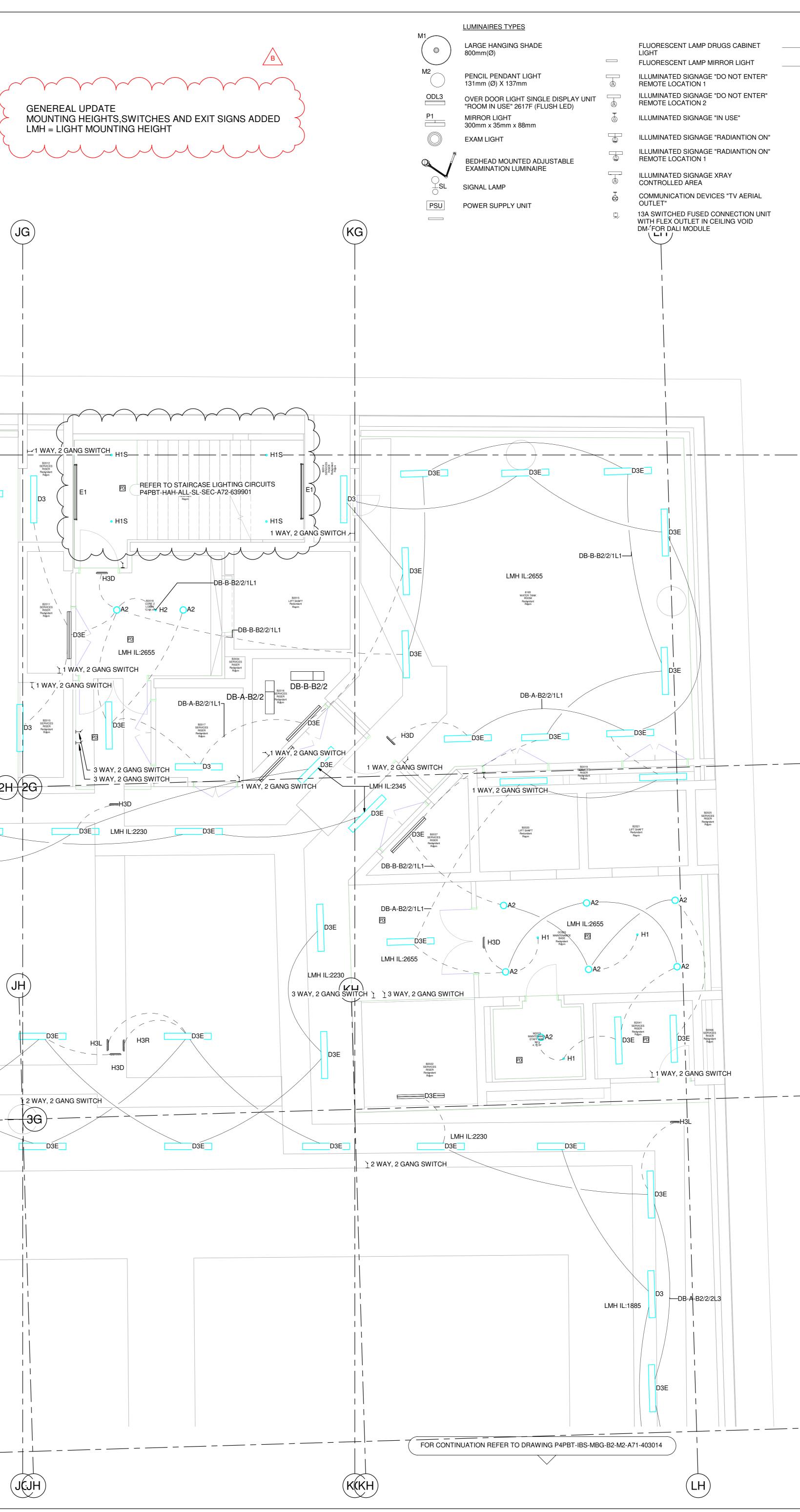
AD

PC

A2

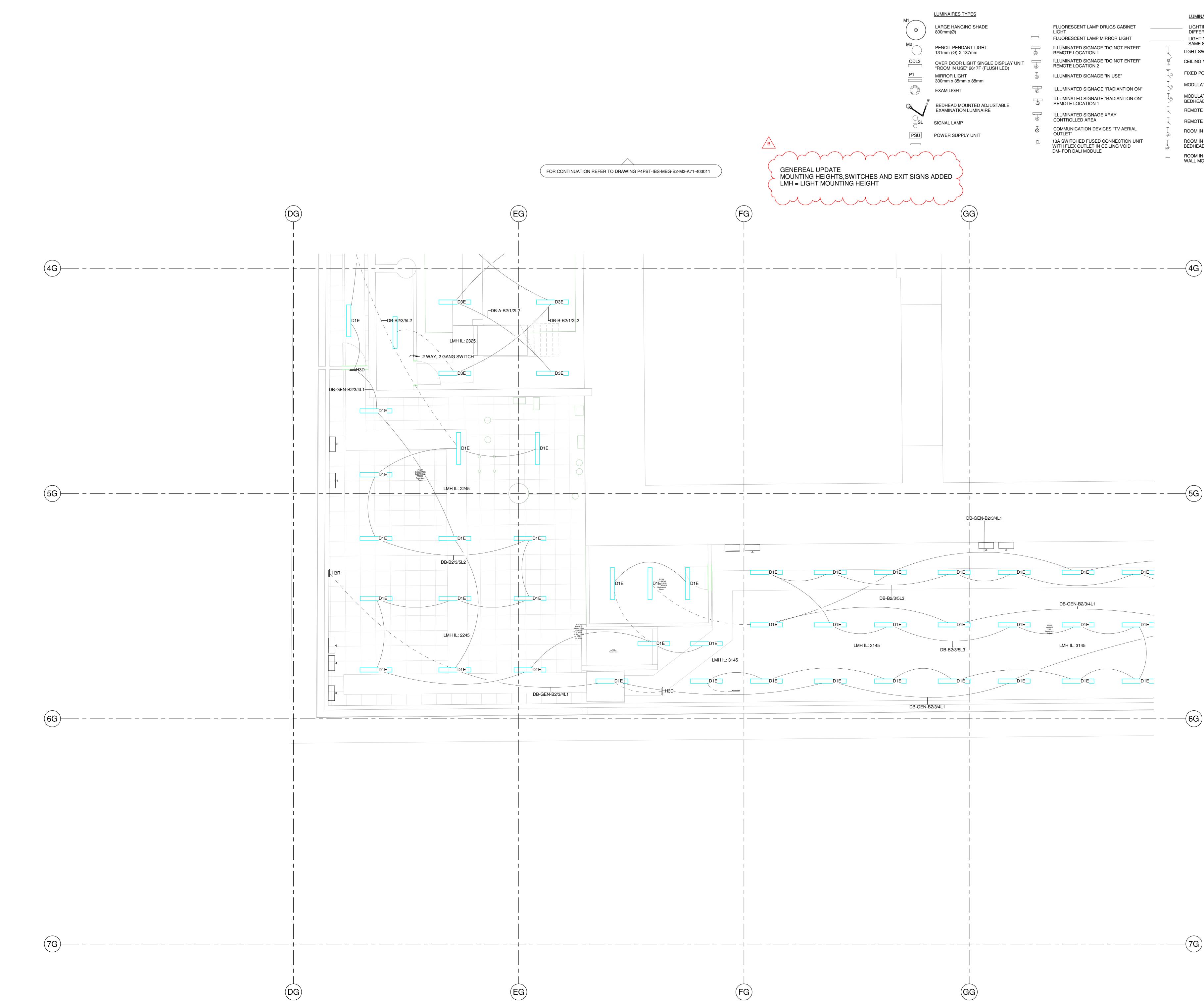






LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND	
SAME SWITCH GHT SWITCH	
EILING MOUNTED PULL CORD	
ODULATING DIMMING SWITCH	RVT Link: File Name Rev. P27
DDULATING DIMMING SWITCH EDHEAD MOUNTED	P4PBT-ANE-MBG-B2-M3-A71-500001 P4PBT-CRE-SAB-SL-M3-A21-213002 P09 P4PBT-CRE-SBG-SL-M3-A21-213001 P03
EMOTE LOCATION 1 LIGHT SWITCH	P4PBT-IBS-ALL-SL-M3-A71-421851 P4PBT-IBS-MBG-B3-M3-A71-421802 P4PBT-STW-AAB-SL-M3-A31-100051 P49
DOM IN USE SIGNAGE LIGHT SWITCH DOM IN USE SIGNAGE LIGHT SWITCH EDHEAD MOUNTED	P4PBT-STW-ABG-SL-M3-A31-100030 P50 P4PBT-STW-ALL-SL-M3-A31-100010
DOM IN USE SIGNAGE LIGHT SWITCH	LUMINAIRES TYPES PD PRESENCE DETECTOR
	AD ABSENCE DETECTOR
	A2 RECESSED LED DOWNLIGHT
	A4 BECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H) A8
	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
	A9 RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
	A10 BECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H) A11
	A12 RECESSED LED DOWNLIGHT 90mm (Ø)
	A13 (T) (T) (T) (T) (T) (T) (T) (T) (T) (T)
(1G)	(T) ^U 49mmØ X 80mm A15 TV DOWNLIGHT
	B1 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
	B2 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm C1 DIRECT/ INDIRECT LED 600SQ MODULE
	LUMINAIRE 599mm x 599mm x96mm DUAL IP RATED MULTI-FUNCTION
	D1 LINEAR ANTI-CORROSIVE LUMINAIRE -
	D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -
	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H) D1T5 LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
	D1T5E LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
	D3 LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
	D3E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
	E2 RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
(2H)	E3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
	E5 RECESSED LED LIGHT 70mm x 100mm x VARIES
	E6 LARGE FORMAT SURFACE MOUNTED ARTEMIDE - TAGORA CEILING 1200mm (Ø)
	F1 SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
	F2 LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
	G2 RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x133mm(H)
	G3 RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
	G3+E RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY
	H1 O WIDE BEAM
	H1S O BURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H)
	H2 RECESSED NON-MAINTAINED 3 HOUR
	EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
— – — (3H)	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
	J IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
	L LED LINE RECESSED STRIP LIGHT 1230mm(L) x 100mm(W) x 100mm(H) M 2X LED LINE RECESSED STRIP LIGHT
	□ 2X LED LINE RECESSED STRIP LIGHT □ 1230mm(L) x 100mm(W) x 100mm(H)
	B 2019.08.08 4B S4 - FOR STAGE APPROVAL IBS A 2019.02.21 4B S3 - FOR REVIEW & COMMENT IBS REVISION DATE DESCRIPTION DRW CHK APP Main Contractor - Bouygues UK
	BOUYGUES BOUYGUES BOUYGUES BOUYGUES BOUYGUES 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020
	University College London Hospitals
	ORIGINATOR
	IBSECAD
	DRAWING TITLE PROTON BEAM THERAPY - PHASE 4 BASEMENT LEVEL 2 LIGHTING LAYOUT
–(4H)	SCALE @A0 BIM FILE NAME - REVISION
	1:50P4PBT-IBS-MBG-B2-M3-A71-421803FIRST ISSUE DATEPROPOSED STATUS
	21.02.2019 4B S4 - REVIEW & COMMENT PROJECT ISSUER AREA LEVEL TYPE TRADE SEQUENCE REVISION







LUMINAIRES SWITCHES

CEILING MOUNTED PULL CORD

MODULATING DIMMING SWITCH

MODULATING DIMMING SWITCH

REMOTE LOCATION 1 LIGHT SWITCH

BEDHEAD MOUNTED

FIXED POSITION DIMMING SWITCH

LIGHT SWITCH

LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH

LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH



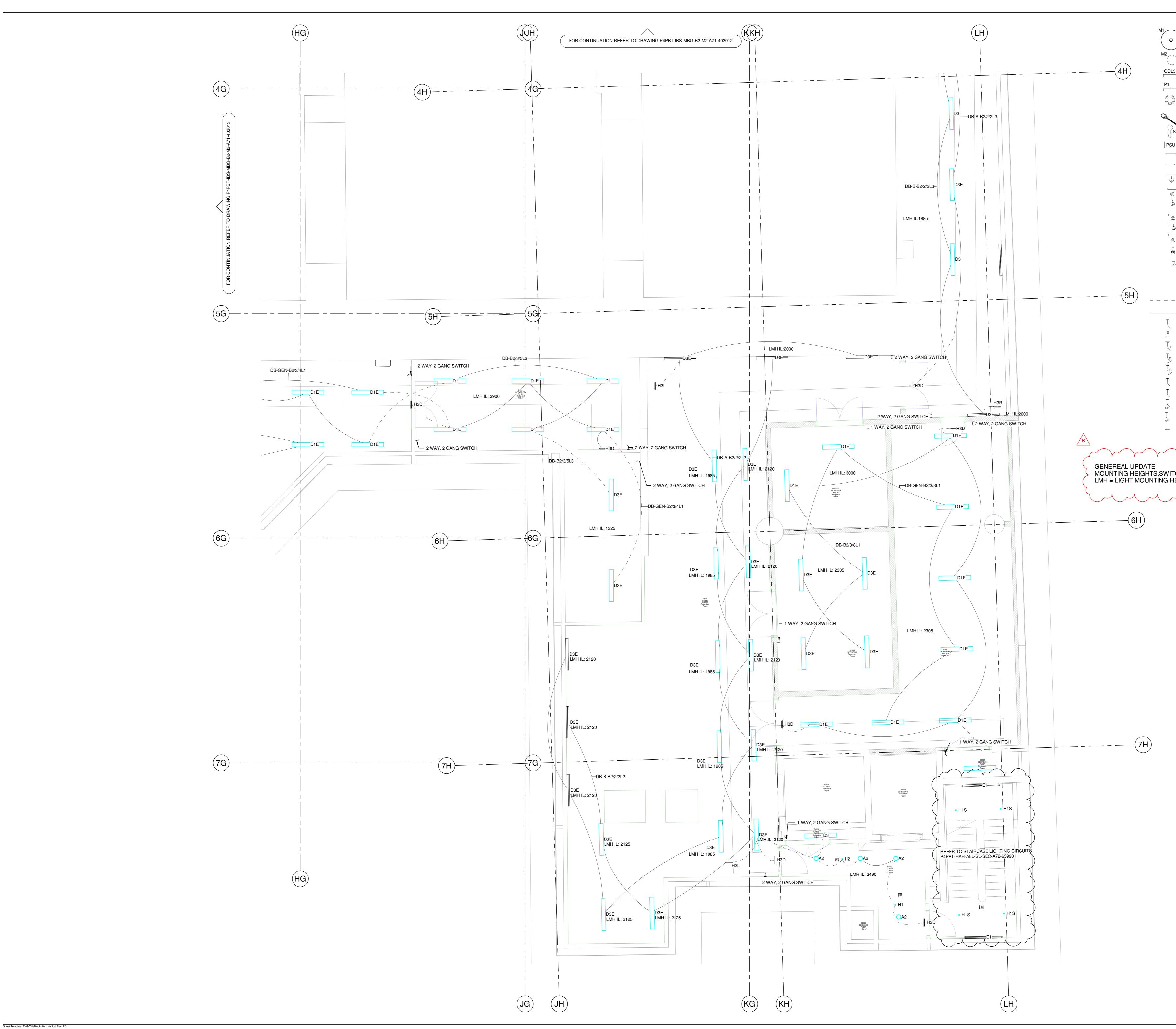




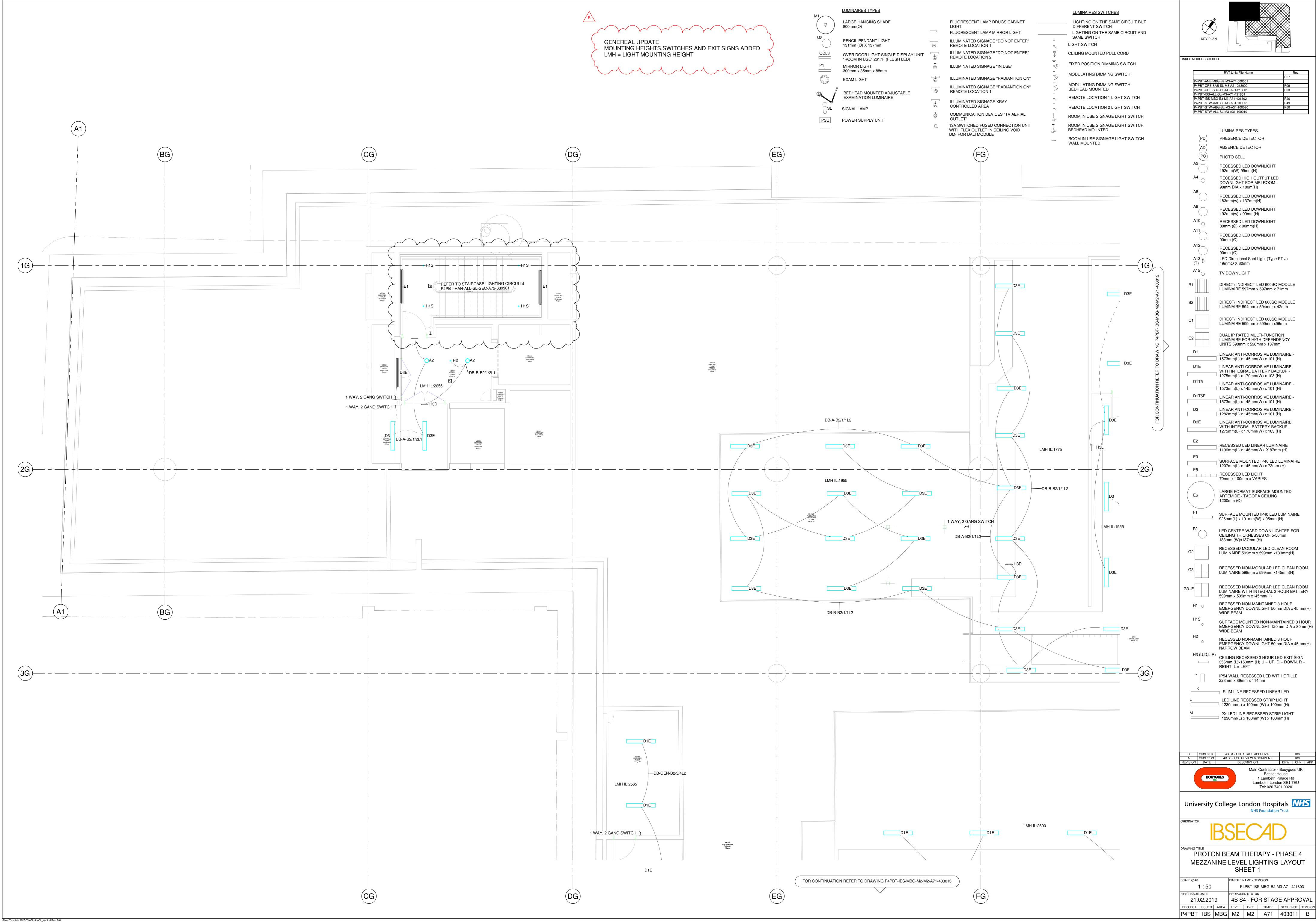


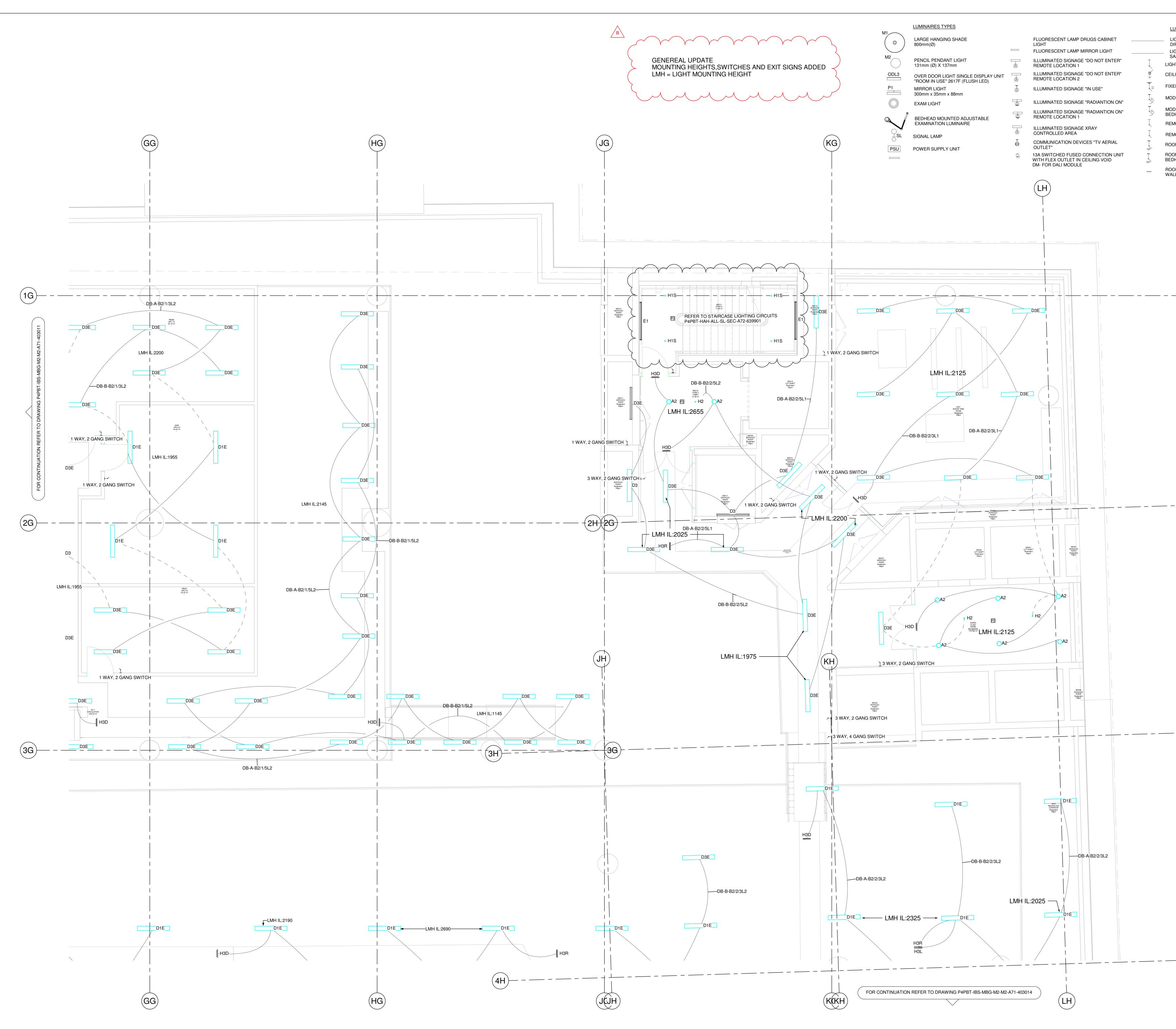
P4PBT IBS MBG B2 M2

KEY PLA		
INKED MODEL SCHED	JLE	
	RVT Link: File Name	Rev. P27
P4PBT-CRE-SA	G-B2-M3-A71-500001 3-SL-M3-A21-213002	P09
P4PBT-IBS-ALL-	G-SL-M3-A21-213001 SL-M3-A71-421851	P03
P4PBT-STW-AA	i-B3-M3-A71-421802 B-SL-M3-A31-100051	P26 P49
	G-SL-M3-A31-100030 SL-M3-A31-100010	P50
	LUMINAIRES TYPES	
	PRESENCE DETECTOR	
	ABSENCE DETECTOR	
A2	RECESSED LED DOWNL	
A4	192mm(W) 99mm(H) RECESSED HIGH OUTPU	
A8	DOWNLIGHT FOR MRI R 90mm DIA x 100m(H)	OOM-
\bigcirc	RECESSED LED DOWNL 183mm(w) x 137mm(H)	IGHT
A9	RECESSED LED DOWNL 192mm(w) x 99mm(H)	IGHT
A10	RECESSED LED DOWNL 80mm (Ø) x 90mm(H)	IGHT
A11	RECESSED LED DOWNL	IGHT
A12	90mm (Ø) RECESSED LED DOWNL	IGHT
A13 (T)	90mm (Ø) LED Directional Spot Light	
(T) ^[] A15	49mmØ X 80mm	
	TV DOWNLIGHT	
B1	DIRECT/ INDIRECT LED (LUMINAIRE 597mm x 597	
B2	DIRECT/ INDIRECT LED LUMINAIRE 594mm x 594	
C1	DIRECT/ INDIRECT LED (LUMINAIRE 599mm x 599	9mm x96mm
C2	DUAL IP RATED MULTI-F LUMINAIRE FOR HIGH D UNITS 598mm x 598mm x	EPENDENCY (137mm
D1E	LINEAR ANTI-CORROSIV 1573mm(L) x 145mm(W) x LINEAR ANTI-CORROSIV	x 101 (H) /E LUMINAIRE
D1T5	WITH INTEGRAL BATTER 1275mm(L) x 170mm(W) x	x 103 (H)
	LINEAR ANTI-CORROSIV 1573mm(L) x 145mm(W) x	
D1T5E	LINEAR ANTI-CORROSIV 1573mm(L) x 145mm(W) x	-
D3	LINEAR ANTI-CORROSIV 1282mm(L) x 145mm(W) x	
D3E	LINEAR ANTI-CORROSIV WITH INTEGRAL BATTER 1275mm(L) x 170mm(W) x	/E LUMINAIRE RY BACKUP -
E2	RECESSED LED LINEAR 1196mm(L) x 146mm(W)	
E3	SURFACE MOUNTED IP4	
E5	1207mm(L) x 145mm(W) x	
E6	70mm x 100mm x VARIES	CE MOUNTED
F 1	ARTEMIDE - TAGORA CE 1200mm (Ø)	
F2	SURFACE MOUNTED IP4 926mm(L) x 191mm(W) x LED CENTRE WARD DOV	95mm (H)
\bigcirc	CEILING THICKNESSES 183mm (W)x137mm (H)	
G2	RECESSED MODULAR LI LUMINAIRE 599mm x 599	
G3	RECESSED NON-MODUL LUMINAIRE 599mm x 599	
G3+E	RECESSED NON-MODUL LUMINAIRE WITH INTEG	
H1 o	599mm x 599mm x145mm RECESSED NON-MAINTA	n(H) AINED 3 HOUR
-	EMERGENCY DOWNLIGH	ו 50mm DIA x 45mm(H)
H1S O	SURFACE MOUNTED NO EMERGENCY DOWNLIGH	
H2 ○	WIDE BEAM RECESSED NON-MAINTA	
	EMERGENCY DOWNLIGH	H I 50mm DIA x 45mm(H)
H3 (U,D,L,R)	CEILING RECESSED 3 H 355mm (L)x150mm (H) U RIGHT, L = LEFT	
J	IP54 WALL RECESSED L 223mm x 89mm x 114mm	
K	□ SLIM-LINE RECESSED	LINEAR LED
L	LED LINE RECESSED S 1230mm(I) x 100mm(W)	
M	 1230mm(L) x 100mm(W) 2X LED LINE RECESSE 	
	$1230 \text{ mm}(\text{L}) \times 100 \text{ mm}(\text{W})$	
B 2019.08.08 A 2019.02.21	4B S4 - FOR STAGE APPRC 4B S3 - FOR REVIEW & COM	MENT IBS
REVISION DATE		DRW CHK A
BOUY	GUES 1 La Lambe	Becket House ambeth Palace Rd th, London SE1 7EU I: 020 7401 0020
University	College London H	Hospitals NHS
	R2FC	4L)
	N BEAM THERAF NT LEVEL 2 LIGH	
CALE @A0	BIM FILE NAME - REVISIO	
1 : 50	P4PBT-IBS-M	BG-B2-M3-A71-421803
IRST ISSUE DATE 21.02.201	9 4B S4 - FOR	STAGE APPROVA
PROJECT ISSUER	AREA LEVEL TYPE	TRADE SEQUENCE REVIS



	NAIRES TYPES GE HANGING SHADE nm(Ø)		Ň		
	CIL PENDANT LIGHT nm (Ø) X 137mm	KEYF	PLAN		
_3OVE	R DOOR LIGHT SINGLE DISPLAY UNIT OM IN USE" 2617F (FLUSH LED)	LINKED MODEL SCH	IEDULE	L	
MIRF	ROR LIGHT nm x 35mm x 88mm		R	RVT Link: File Name	Rev.
EXA	M LIGHT	P4PBT-CRE	-SAB-SL-N	M3-A71-500001 M3-A21-213002	P27 P09
	HEAD MOUNTED ADJUSTABLE MINATION LUMINAIRE	P4PBT-IBS- P4PBT-IBS-	ALL-SL-M MBG-B3-N	M3-A21-213001 3-A71-421851 //3-A71-421802	P03 P26
SL SIGN	AL LAMP	P4PBT-STW	V-ABG-SL-	M3-A31-100051 M3-A31-100030 //3-A31-100010	P49 P50
	ER SUPPLY UNIT			<u>MINAIRES TYPES</u> ESENCE DETECTOR	
LIGH	DRESCENT LAMP DRUGS CABINET T DRESCENT LAMP MIRROR LIGHT			SENCE DETECTOR	
	MINATED SIGNAGE "DO NOT ENTER" OTE LOCATION 1	A2		OTO CELL	
	MINATED SIGNAGE "DO NOT ENTER" OTE LOCATION 2	A4	192	CESSED LED DOWNLIG 2mm(W) 99mm(H)	
	MINATED SIGNAGE "IN USE"		DO	CESSED HIGH OUTPUT WNLIGHT FOR MRI ROC nm DIA x 100m(H)	
	MINATED SIGNAGE "RADIANTION ON" MINATED SIGNAGE "RADIANTION ON"	A8		CESSED LED DOWNLIG @mm(w) x 137mm(H)	HT
REM	OTE LOCATION 1 MINATED SIGNAGE XRAY	A9		CESSED LED DOWNLIG 2mm(w) x 99mm(H)	HT
, COM	TROLLED AREA	A10		CESSED LED DOWNLIG nm (Ø) x 90mm(H)	HT
	LE I WITCHED FUSED CONNECTION UNIT FLEX OUTLET IN CEILING VOID	A11		CESSED LED DOWNLIG nm (Ø)	HT
	OR DALI MODULE	A12	90n	CESSED LED DOWNLIG nm (Ø)	
	NAIRES SWITCHES	A13 (T)		D Directional Spot Light (T nmØ X 80mm	ype PT-J)
DIFFE	FING ON THE SAME CIRCUIT BUT ERENT SWITCH FING ON THE SAME CIRCUIT AND				
	SWITCH	B1		ECT/ INDIRECT LED 600 MINAIRE 597mm x 597mi	
	MOUNTED PULL CORD	B2		ECT/ INDIRECT LED 600 MINAIRE 594mm x 594mi	
	POSITION DIMMING SWITCH	C1	DIR	ECT/ INDIRECT LED 600	DSQ MODULE
	ATING DIMMING SWITCH ATING DIMMING SWITCH		LUN	MINAIRE 599mm x 599mı	m x96mm
BEDHE	E LOCATION 1 LIGHT SWITCH	C2	LUN	AL IP RATED MULTI-FUN MINAIRE FOR HIGH DEP ITS 598mm x 598mm x 13	ENDENCY
	E LOCATION 2 LIGHT SWITCH	D1		EAR ANTI-CORROSIVE '3mm(L) x 145mm(W) x 1	-
	N USE SIGNAGE LIGHT SWITCH	D1E	LIN WIT	EAR ANTI-CORROSIVE TH INTEGRAL BATTERY	LUMINAIRE BACKUP -
BEDHEA	N USE SIGNAGE LIGHT SWITCH AD MOUNTED	D1T5	127 LIN	5mm(L) x 170mm(W) x 1 EAR ANTI-CORROSIVE	03 (H) LUMINAIRE -
	N USE SIGNAGE LIGHT SWITCH IOUNTED	D1T5E	157	'3mm(L) x 145mm(W) x 1 EAR ANTI-CORROSIVE	01 (H)
\searrow		D3	157	3mm(L) x 145mm(W) x 1 EAR ANTI-CORROSIVE	01 (H)
Ŷ		D3E	LIN	2mm(L) x 145mm(W) x 1 EAR ANTI-CORROSIVE	LUMINAIRE
CHES AN EIGHT	ND EXIT SIGNS ADDED			TH INTEGRAL BATTERY '5mm(L) x 170mm(W) x 1	
λ		E2		CESSED LED LINEAR LU 6mm(L) x 146mm(W) X 3	
		E3		RFACE MOUNTED IP40	
		E5		7mm(L) x 145mm(W) x 7 CESSED LED LIGHT	3mm (H)
				nm x 100mm x VARIES	
		E6	AR	RGE FORMAT SURFACE TEMIDE - TAGORA CEIL 10mm (Ø)	
		F1	SUF	RFACE MOUNTED IP40 I	LED LUMINAIRE
		F2		mm(L) x 191mm(W) x 95	
			CEI	CENTRE WARD DOWN LING THICKNESSES OF mm (W)x137mm (H)	
		G2		CESSED MODULAR LED /IINAIRE 599mm x 599mr	
			DE	CESSED NON-MODULAF	
		G3		/INAIRE 599mm x 599mr	
		G3+E		CESSED NON-MODULAR MINAIRE WITH INTEGRA	
		H1 o	REC	mm x 599mm x145mm(H CESSED NON-MAINTAIN	IED 3 HOUR
		H1S	WIE	ERGENCY DOWNLIGHT DE BEAM	
			EM	RFACE MOUNTED NON- ERGENCY DOWNLIGHT DE BEAM	
		H2 0	REG	CESSED NON-MAINTAIN ERGENCY DOWNLIGHT	
		H3 (U,D,L,	NAF B)	LING RECESSED 3 HOL	(
			355	mm (L)x150mm (H) U = l HT, L = LEFT	
		J		4 WALL RECESSED LED mm x 89mm x 114mm	WITH GRILLE
		K	S	LIM-LINE RECESSED LII	NEAR LED
		L		ED LINE RECESSED STF 30mm(L) x 100mm(W) x	
		M		(LED LINE RECESSED (30mm(L) x 100mm(W) x	
		B 2019.08 A 2019.02 REVISION DAT	2.21 4	4B S4 - FOR STAGE APPROVA 4B S3 - FOR REVIEW & COMME DESCRIPTION	
				Main Contra Be	actor - Bouygues UK cket House
			OUYGUES	1 Lam Lambeth,	beth Palace Rd London SE1 7EU 020 7401 0020
		Universit	ty Col	lege London Ho	DSPITALS NHS
		ORIGINATOR	חו		
			IВ	SEC7	l L
			-		_
				LEVEL 2 LIGHT SHEET 4	
		SCALE @A0 1:50	0		à-B2-M3-A71-421803
		FIRST ISSUE DATE 21.02.20	019	PROPOSED STATUS	
		PROJECT ISSUE			

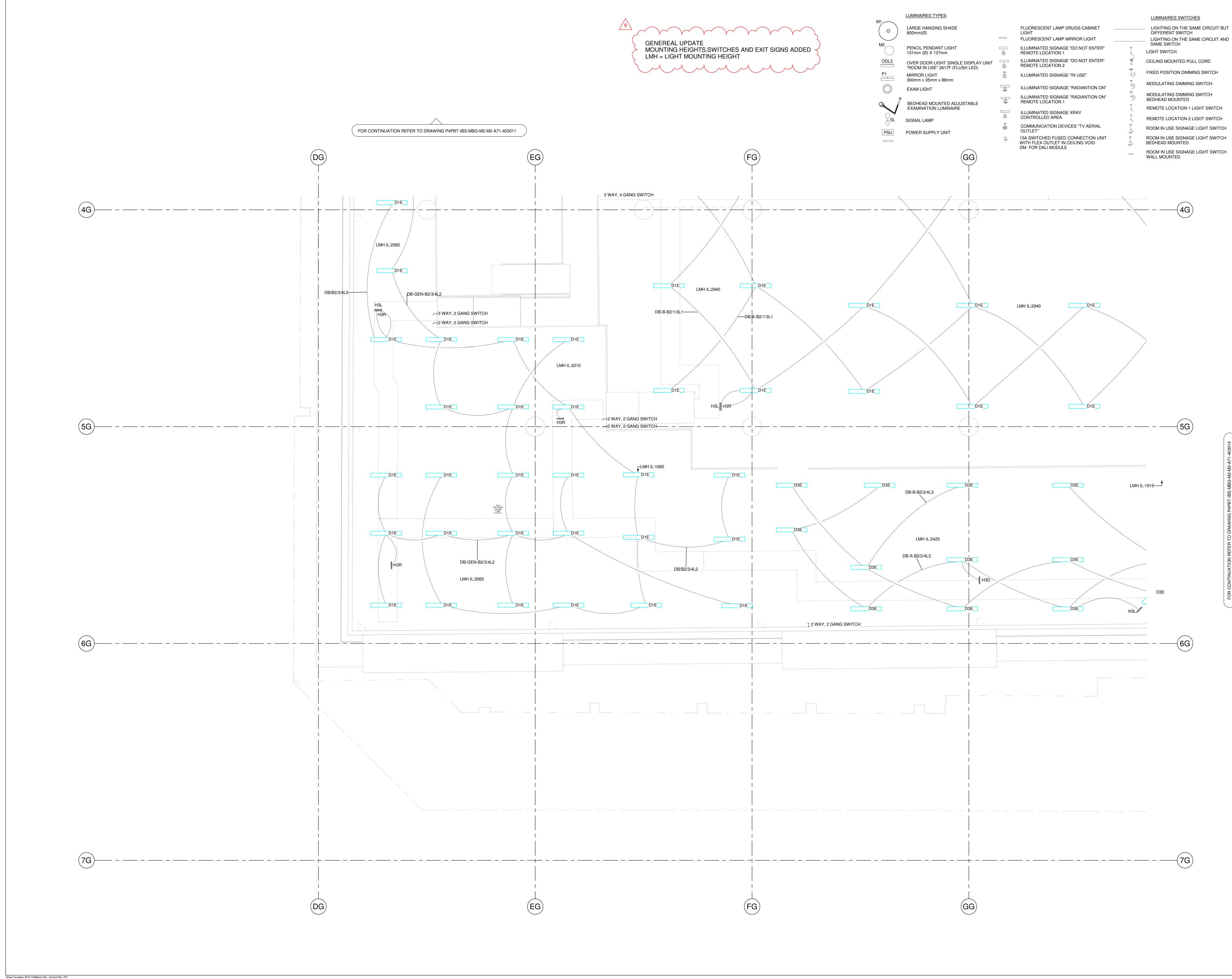




<u>LUMINAIRES SWITCHES</u> LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH	KEY PLAN
GHT SWITCH EILING MOUNTED PULL CORD	
KED POSITION DIMMING SWITCH	LINKED MODEL SCHEDULE
DDULATING DIMMING SWITCH	RVT Link: File Name Rev. P27 P4PBT-ANE-MBG-B2-M3-A71-500001 P4PBT-OPE CAR CL_M0.001.010000
EMOTE LOCATION 1 LIGHT SWITCH	P4PBT-CRE-SAB-SL-M3-A21-213002 P09 P4PBT-CRE-SBG-SL-M3-A21-213001 P03 P4PBT-IBS-ALL-SL-M3-A71-421851 P4PBT-IBS-MBG-B3-M3-A71-421802 P4PBT-IBS-MBG-B3-M3-A71-421802 P26
MOTE LOCATION 2 LIGHT SWITCH	P4PBT-STW-AAB-SL-M3-A31-100051 P49 P4PBT-STW-ABG-SL-M3-A31-100030 P50 P4PBT-STW-ALL-SL-M3-A31-100010 P50
OM IN USE SIGNAGE LIGHT SWITCH	LUMINAIRES TYPES
OM IN USE SIGNAGE LIGHT SWITCH DHEAD MOUNTED	PD PRESENCE DETECTOR AD ABSENCE DETECTOR
OM IN USE SIGNAGE LIGHT SWITCH	PC PHOTO CELL
	A2 RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
	A4 DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
	A8 RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
	A9 RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
	A10 B0mm (Ø) x 90mm(H)
	A11 RECESSED LED DOWNLIGHT 90mm (Ø)
	A12 RECESSED LED DOWNLIGHT 90mm (Ø)
—(1G)	A13 LED Directional Spot Light (Type PT-J) (T) 49mmØ X 80mm
	A15 TV DOWNLIGHT
	B1 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
	B2 DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
	C1 DIRECT/ INDIRECT LED 600SQ MODULE
	LUMINAIRE 599mm x 599mm x96mm
	C2 DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
	D1 LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
	D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -
	D1T5 LINEAR ANTI-CORROSIVE LUMINAIRE -
	D1T5E LINEAR ANTI-CORROSIVE LUMINAIRE -
	D3 LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
	D3E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -
	E2
(2H)	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
	E3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
	E5 RECESSED LED LIGHT 70mm x 100mm x VARIES
	LARGE FORMAT SURFACE MOUNTED
	E6 ARTEMIDE - TAGORA CEILING 1200mm (Ø)
	F1 SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
	F2 LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm
	183mm (W)x137mm (H)
	G2 LUMINAIRE 599mm x 599mm x133mm(H)
	G3 RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
	G3+E RECESSED NON-MODULAR LED CLEAN ROOM
	LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H)
	H1 O RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
	H1S SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H)
	H2 RECESSED NON-MAINTAINED 3 HOUR
(3H)	EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
	J IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
	K
	L LED LINE RECESSED STRIP LIGHT 1230mm(L) x 100mm(W) x 100mm(H)
	M 2X LED LINE RECESSED STRIP LIGHT 1230mm(L) x 100mm(W) x 100mm(H)
	B2019.08.084B S4 - FOR STAGE APPROVALIBSA2019.02.214B S3 - FOR REVIEW & COMMENTIBSREVISIONDATEDESCRIPTIONDRW CHK APP
	BOUYGUES Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd
	Lambeth, London SE1 7EU Tel: 020 7401 0020
	University College London Hospitals
	ORIGINATOR BSECAD
— – — (4H)	DRAWING TITLE PROTON BEAM THERAPY - PHASE 4 MEZZANINE LEVEL LIGHTING LAYOUT
	SHEET 2
	Scale @A0 BIM File NAME - REVISION 1:50 P4PBT-IBS-MBG-B2-M3-A71-421803 FIRST ISSUE DATE PROPOSED STATUS
	PROPOSED STATUS 21.02.2019 PROJECT ISSUER AREA LEVEL Type TRADE SEQUENCE REVISION
	PROJECT ISSUER AREA LEVEL TIPE TRADE SEQUENCE REVISION

 PROJECT
 ISSUER
 AREA
 LEVEL
 TYPE
 TRADE
 SEQUENCE
 REVISION

 P4PBT
 IBS
 MBG
 M2
 M2
 A71
 403012
 B





P4PBT-IBS-ALL-	3-SL-M3-A21-213001 SL-M3-A71-421851	P03
P4PBT-STW-AAE	-B3-M3-A71-421802 3-SL-M3-A31-100051 3-SL-M3-A31-100030	P26 P49 P50
P4PBT-STW-ALL	-SL-M3-A31-100010	
PD	LUMINAIRES TYPES PRESENCE DETECTOR	
	ABSENCE DETECTOR	
PC	PHOTO CELL	
A2	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)	
A4 0	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)	
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)	
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)	
A10 A11	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)	
	RECESSED LED DOWNLIGHT 90mm (Ø)	
A12	RECESSED LED DOWNLIGHT	
A13 (T)	90mm (Ø) LED Directional Spot Light (Type P1 49mmØ X 80mm	Г-J)
A15	TV DOWNLIGHT	
B1	DIRECT/ INDIRECT LED 600SQ M LUMINAIRE 597mm x 597mm x 711	
B2	DIRECT/ INDIRECT LED 600SQ M LUMINAIRE 594mm x 594mm x 421	
C1	DIRECT/ INDIRECT LED 600SQ M LUMINAIRE 599mm x 599mm x96n	
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDE UNITS 598mm x 598mm x 137mm	
D1	LINEAR ANTI-CORROSIVE LUMIN 1573mm(L) x 145mm(W) x 101 (H)	AIRE -
D1E	LINEAR ANTI-CORROSIVE LUMIN WITH INTEGRAL BATTERY BACK 1275mm(L) x 170mm(W) x 103 (H)	
D1T5	LINEAR ANTI-CORROSIVE LUMIN 1573mm(L) x 145mm(W) x 101 (H)	AIRE -
D1T5E	LINEAR ANTI-CORROSIVE LUMIN 1573mm(L) x 145mm(W) x 101 (H)	
D3	LINEAR ANTI-CORROSIVE LUMIN 1282mm(L) x 145mm(W) x 101 (H)	AIRE -
D3E	LINEAR ANTI-CORROSIVE LUMIN WITH INTEGRAL BATTERY BACK 1275mm(L) x 170mm(W) x 103 (H)	
E2	RECESSED LED LINEAR LUMINAI 1196mm(L) x 146mm(W) X 87mm	
E3	SURFACE MOUNTED IP40 LED LU 1207mm(L) x 145mm(W) x 73mm (
E5	RECESSED LED LIGHT 70mm x 100mm x VARIES	
E 6	LARGE FORMAT SURFACE MOUN ARTEMIDE - TAGORA CEILING 1200mm (Ø)	NTED
F1	SURFACE MOUNTED IP40 LED LL 926mm(L) x 191mm(W) x 95mm (H	
F2	LED CENTRE WARD DOWN LIGH CEILING THICKNESSES OF 5-50m 183mm (W)x137mm (H)	-
G2	RECESSED MODULAR LED CLEA LUMINAIRE 599mm x 599mm x133	
G3	RECESSED NON-MODULAR LED LUMINAIRE 599mm x 599mm x145	
G3+E	RECESSED NON-MODULAR LED LUMINAIRE WITH INTEGRAL 3 HC 599mm x 599mm x145mm(H)	
H1 _O	RECESSED NON-MAINTAINED 3 H EMERGENCY DOWNLIGHT 50mm WIDE BEAM	
H1S O	SURFACE MOUNTED NON-MAINT EMERGENCY DOWNLIGHT 120mr WIDE BEAM	
H2	RECESSED NON-MAINTAINED 3 F EMERGENCY DOWNLIGHT 50mm NARROW BEAM	
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LED 355mm (L)x150mm (H) U = UP, D = RIGHT, L = LEFT	
J	IP54 WALL RECESSED LED WITH 223mm x 89mm x 114mm	GRILLE
K	□ SLIM-LINE RECESSED LINEAR I	LED
L	LED LINE RECESSED STRIP LIG □ 1230mm(L) x 100mm(W) x 100mm	
М		()

2X LED LINE RECESSED STRIP LIGHT

Main Contractor - Bouygues UK Becket House

1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020

NHS Foundation Trust

P4PBT-IBS-MBG-B2-M3-A71-421803

1230mm(L) x 100mm(W) x 100mm(H)

B2019.08.084B S4 - FOR STAGE APPROVALA2019.02.214B S3 - FOR REVIEW & COMMENTREVISIONDATEDESCRIPTIONDR

University College London Hospitals NHS

PROTON BEAM THERAPY - PHASE 4

MEZZANINE LEVEL LIGHTING LAYOUT SHEET 3

PROPOSED STATUS

21.02.2019 4B S4 - FOR STAGE APPROVAL

 PROJECT
 ISSUER
 AREA
 LEVEL
 TYPE
 TRADE
 SEQUENCE
 REVISION

 P4PBT
 IBS
 MBG
 M2
 M2
 A71
 403013
 B

BIM FILE NAME - REVISION

BOUYGUES

ORIGINATO

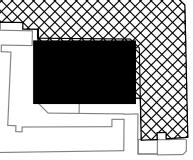
RAWING TITLE

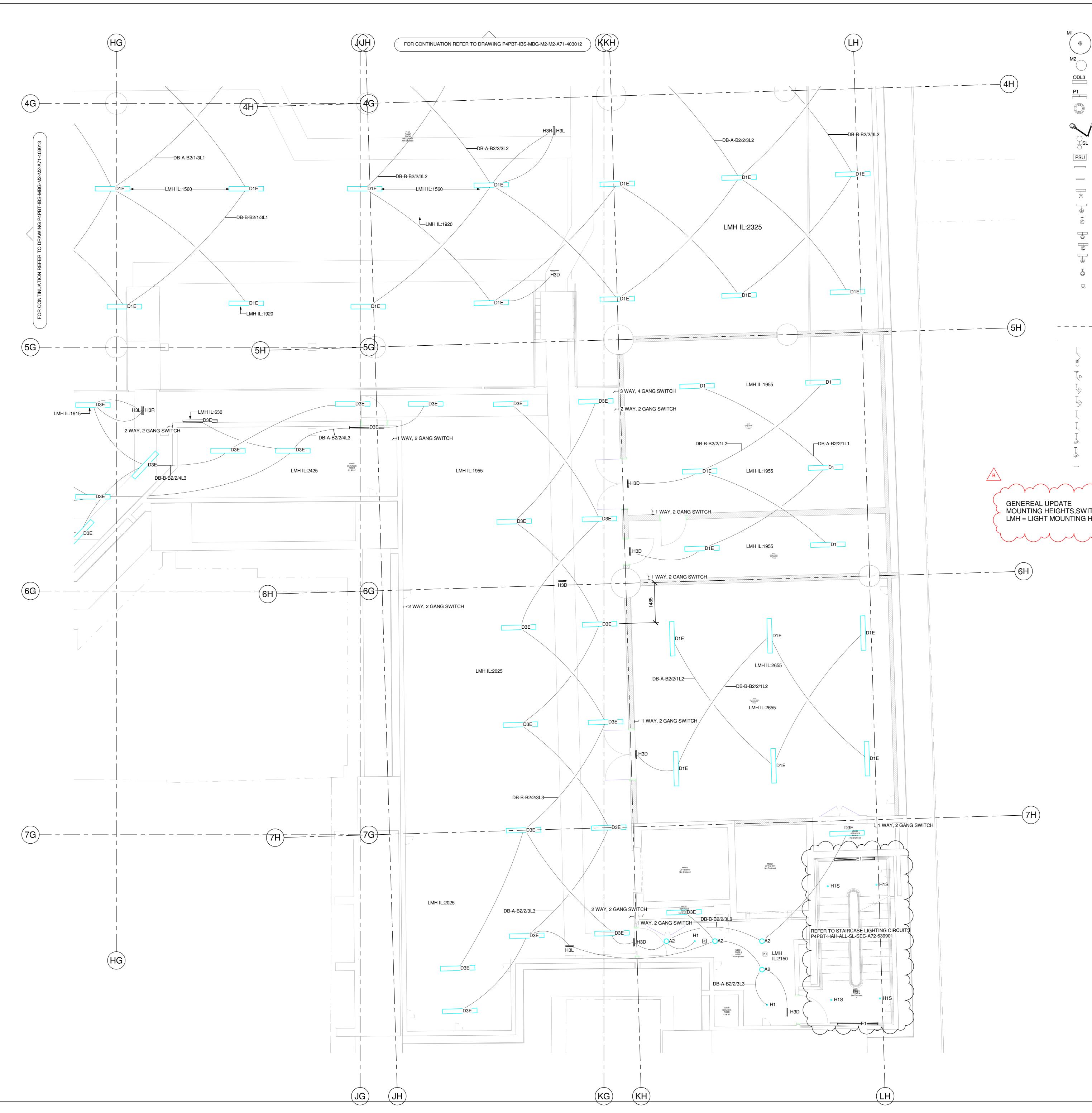
SCALE @A0

1:50

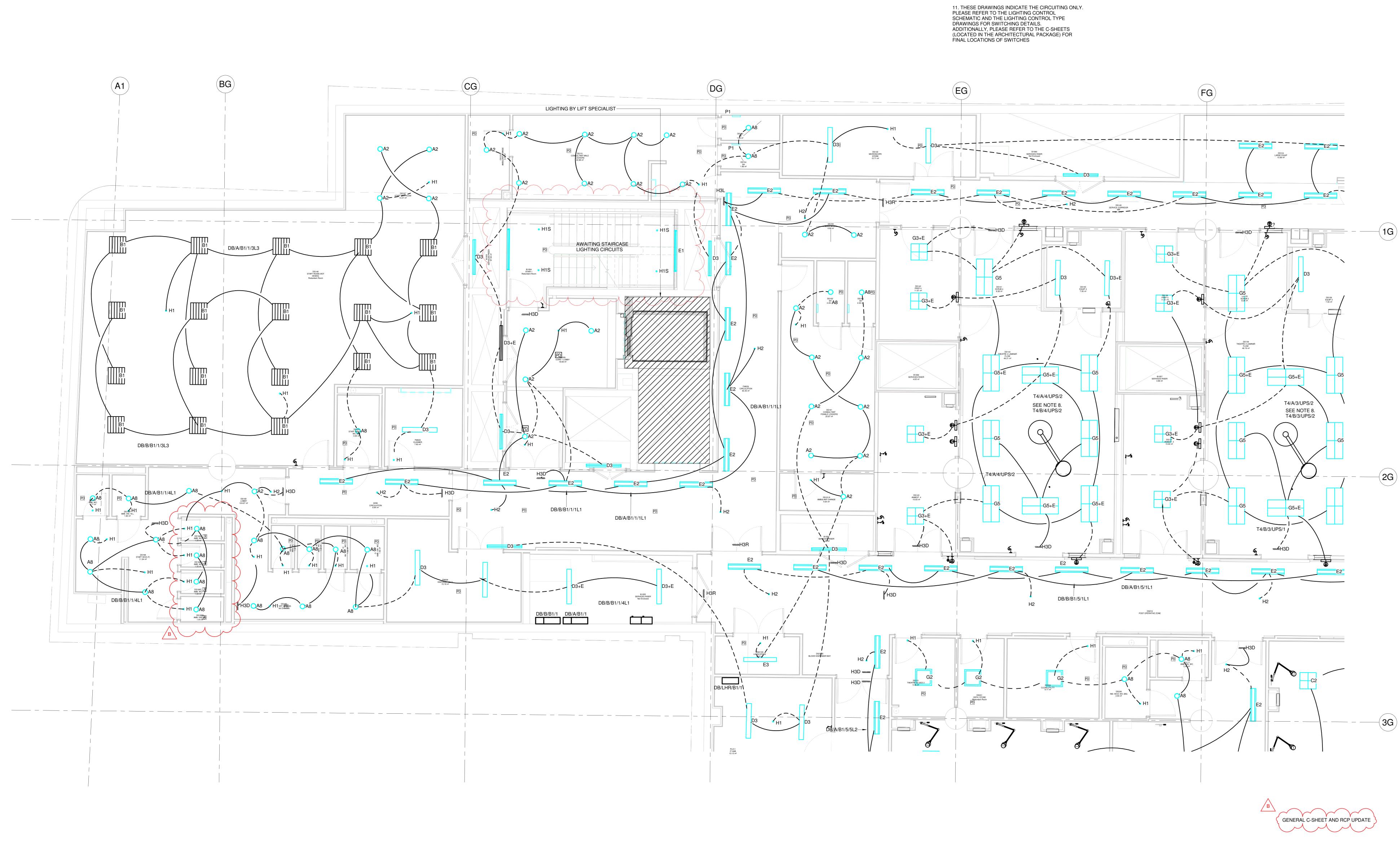
FIRST ISSUE DATE

KEY PLAN LINKED MODEL SCHEDULE RVT Link: File Name P4PBT-ANE-MBG-B2-M3-A71-500001 P4PBT-CRE-SAB-SL-M3-A21-213002 P4PBT-CRE-SBG-SL-M3-A21-213001 P4PBT-IBS-ALL-SL-M3-A71-421851





\ LA	MINAIRES TYPES RGE HANGING SHADE 0mm(Ø)	KEY		
	NCIL PENDANT LIGHT 1mm (Ø) X 137mm	KET I		
٥V	/ER DOOR LIGHT SINGLE DISPLAY UNIT	LINKED MODEL SCH	IEDULE	
MI	OOM IN USE" 2617F (FLUSH LED) RROR LIGHT		RVT Link: File Name	Rev. P27
	0mm x 35mm x 88mm (AM LIGHT	P4PBT-CRE-	MBG-B2-M3-A71-500001 SAB-SL-M3-A21-213002	P09
P BE	EDHEAD MOUNTED ADJUSTABLE	P4PBT-IBS-A P4PBT-IBS-N	SBG-SL-M3-A21-213001 ALL-SL-M3-A71-421851 MBG-B3-M3-A71-421802	P03
		P4PBT-STW	-AAB-SL-M3-A31-100051 -ABG-SL-M3-A31-100030 -ALL-SL-M3-A31-100010	P49 P50
			LUMINAIRES TYPES PRESENCE DETECTOR	
FLL	WER SUPPLY UNIT		ABSENCE DETECTOR	
LIG FLL	AHT JORESCENT LAMP MIRROR LIGHT		PHOTO CELL RECESSED LED DOWNLIG	ЪПТ
	UMINATED SIGNAGE "DO NOT ENTER" MOTE LOCATION 1		192mm(W) 99mm(H) RECESSED HIGH OUTPUT	
	UMINATED SIGNAGE "DO NOT ENTER" MOTE LOCATION 2		DOWNLIGHT FOR MRI RO 90mm DIA x 100m(H)	
ILL	UMINATED SIGNAGE "IN USE"	A8	RECESSED LED DOWNLIG 183mm(w) x 137mm(H)	ЭНТ
	UMINATED SIGNAGE "RADIANTION ON" UMINATED SIGNAGE "RADIANTION ON"	A9	RECESSED LED DOWNLIG 192mm(w) x 99mm(H)	θHT
ILL	MOTE LOCATION 1 UMINATED SIGNAGE XRAY	A10	RECESSED LED DOWNLIG 80mm (Ø) x 90mm(H)	θHT
CO	NTROLLED AREA MMUNICATION DEVICES "TV AERIAL	A11	RECESSED LED DOWNLIG 90mm (Ø)	ЭНТ
13A	SWITCHED FUSED CONNECTION UNIT	A12	RECESSED LED DOWNLIG 90mm (Ø)	ЭНТ
	TH FLEX OUTLET IN CEILING VOID - FOR DALI MODULE	A13 (T)	LED Directional Spot Light (49mmØ X 80mm	Гуре РТ-J)
LUN	MINAIRES SWITCHES	A15	TV DOWNLIGHT	
DIF LIGI	HTING ON THE SAME CIRCUIT BUT FERENT SWITCH HTING ON THE SAME CIRCUIT AND	B1	DIRECT/ INDIRECT LED 60 LUMINAIRE 597mm x 597m	
	AE SWITCH SWITCH	B2	DIRECT/ INDIRECT LED 60 LUMINAIRE 594mm x 594m	
	NG MOUNTED PULL CORD	C1	DIRECT/ INDIRECT LED 60	
	POSITION DIMMING SWITCH		LUMINAIRE 599mm x 599m	
	JLATING DIMMING SWITCH JLATING DIMMING SWITCH	C2	DUAL IP RATED MULTI-FU LUMINAIRE FOR HIGH DEF UNITS 598mm x 598mm x 1	PENDENCY
BEDH	EAD MOUNTED	D1	LINEAR ANTI-CORROSIVE	
	DTE LOCATION 2 LIGHT SWITCH	D1E	LINEAR ANTI-CORROSIVE	LUMINAIRE
	I IN USE SIGNAGE LIGHT SWITCH	D1T5	LINEAR ANTI-CORROSIVE	103 (H)
BEDH	I IN USE SIGNAGE LIGHT SWITCH EAD MOUNTED	D1T5E	1573mm(L) x 145mm(W) x 1	I01 (H)
	I IN USE SIGNAGE LIGHT SWITCH MOUNTED		LINEAR ANTI-CORROSIVE	I01 (H)
\searrow	$\frown \frown \frown \frown \frown \frown$		LINEAR ANTI-CORROSIVE	I01 (H)
ſ	r r r	D3E	LINEAR ANTI-CORROSIVE WITH INTEGRAL BATTER 1275mm(L) x 170mm(W) x 1	/ BACKUP -
CHE EIGF	S AND EXIT SIGNS ADDED	E2		
		E3	1196mm(L) x 146mm(W) X	
X		E5	SURFACE MOUNTED IP40 1207mm(L) x 145mm(W) x 7	
			□ RECESSED LED LIGHT 70mm x 100mm x VARIES	
		E6		
		EO	ARTEMIDE - TAGORA CEIL 1200mm (Ø)	ling
		F1	SURFACE MOUNTED IP40 926mm(L) x 191mm(W) x 95	
		F2	LED CENTRE WARD DOW	N LIGHTER FOR
			CEILING THICKNESSES OI 183mm (W)x137mm (H)	
		G2	RECESSED MODULAR LEE LUMINAIRE 599mm x 599m	
		G3	RECESSED NON-MODULA LUMINAIRE 599mm x 599m	
		G3+E	RECESSED NON-MODULA	AL 3 HOUR BATTERY
		H1 o	599mm x 599mm x145mm(H RECESSED NON-MAINTAII EMERGENCY DOWNLIGHT WIDE BEAM	NED 3 HOUR
		H1S O	SURFACE MOUNTED NON EMERGENCY DOWNLIGHT	
		H2	WIDE BEAM RECESSED NON-MAINTAII	
		0	EMERGENCY DOWNLIGHT	
		H3 (U,D,L,I	R) CEILING RECESSED 3 HOU 355mm (L)x150mm (H) U = RIGHT, L = LEFT	
		J	IP54 WALL RECESSED LEI 223mm x 89mm x 114mm	O WITH GRILLE
		К	SLIM-LINE RECESSED LI	NEAR LED
		L	LED LINE RECESSED STI 1230mm(L) x 100mm(W) x	
		M	2X LED LINE RECESSED 1230mm(L) x 100mm(W) x	
			/X 10011111(VV) X	
		B 2019.08	3.08 4B S4 - FOR STAGE APPROV	/AL IBS
		A 2019.02 REVISION DAT	2.21 4B S3 - FOR REVIEW & COMM E DESCRIPTION	IENT IBS DRW CHK AP
		B	E DUYGUES 1 Lai	tractor - Bouygues UK Becket House mbeth Palace Rd h, London SE1 7EU
				h, London SE1 7EU 020 7401 0020
		Universit	cy College London H	Iospitals NHS
		ORIGINATOR	BSFC	4D
			ON BEAM THERAP	
		MEZZA SCALE @A0	ANINE LEVEL LIGHT SHEET 4	
		LOONLL WAU		
			-	3G-B2-M3-A71-421803
		1:50 FIRST ISSUE DATE 21.02.20 PROJECT ISSUE	019 PROPOSED STATUS 4B S4 - FOR S	G-B2-M3-A71-421803



NOTES:

1. PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301

2. DO NOT SCALE FROM THIS DRAWING 3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNS)

4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS

5. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES

6. LUMINAIRE POSITIONS ARE PRESENTLY BEING IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND AVERGAE ILLUMINATION LEVELS

7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE 8. OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE

EQUIPMENT STORE

9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-A71-630002

10. REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES



Ø

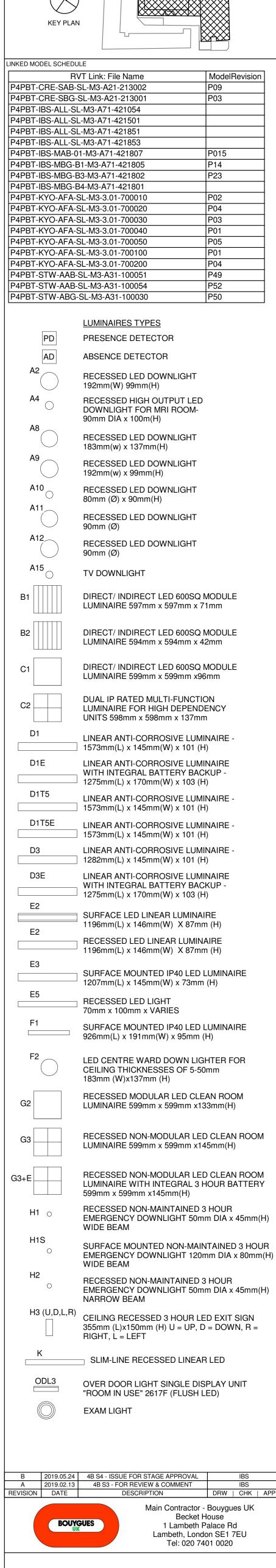
	BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
LSL	SIGNAL LAMP
SU	POWER SUPPLY UNIT
	FLUORESCENT LAMP DRUGS CABINET LIGHT
	FLUORESCENT LAMP MIRROR LIGHT
	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1
	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 2
đ	ILLUMINATED SIGNAGE "IN USE"
	ILLUMINATED SIGNAGE "RADIANTION ON"
	ILLUMINATED SIGNAGE "RADIANTION ON" REMOTE LOCATION 1

REMOTE LOCATION 1 ILLUMINATED SIGNAGE XRAY CONTROLLED AREA

COMMUNICATION DEVICES "TV AERIAL

OUTLET" 13A SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN CEILING VOID DM- FOR DALI MODULE

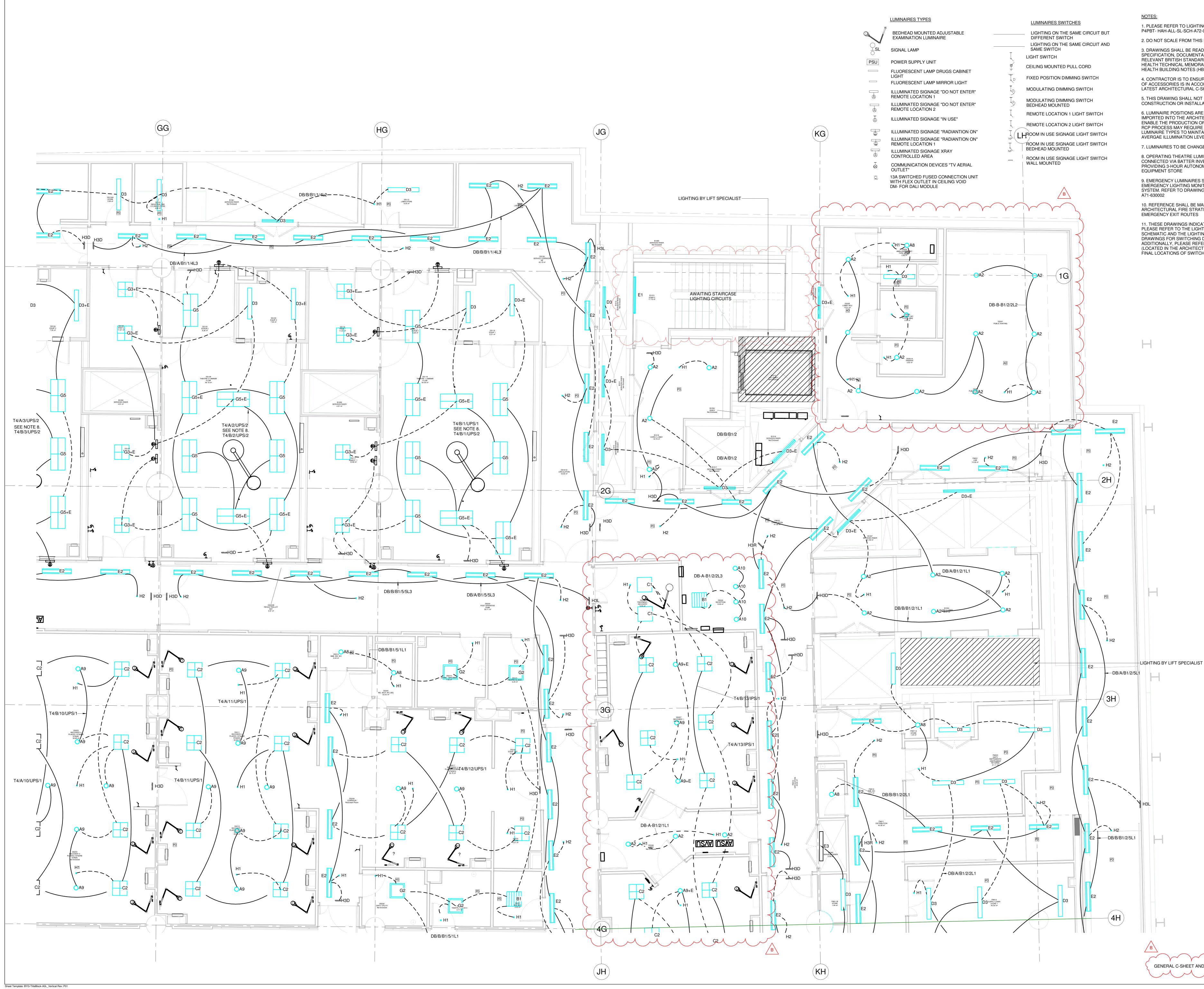
LUMINAIRES SWITCHES LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH LIGHT SWITCH CEILING MOUNTED PULL CORD FIXED POSITION DIMMING SWITCH MODULATING DIMMING SWITCH MODULATING DIMMING SWITCH BEDHEAD MOUNTED REMOTE LOCATION 1 LIGHT SWITCH REMOTE LOCATION 2 LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED



University College London Hospitals NHS **NHS Foundation Trust**

IBSECAD
PROTON BEAM THERAPY - PHASE 4
BASEMENT LEVEL 1 LIGHTING LAYOU
SHEET 1

SCALE @A0			BIM FILE I	BIM FILE NAME - REVISION			
1:50			P4PBT-IBS-ALL-SL-CM-A71-400000			00	
FIRST ISSUE DATE			PROPOSE	ED STATUS	6		
13.02.2019			4B S	4 - FO	R STAG	E APPRO	DVAL
PROJECT ISSUER AREA			LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT IBS MBG			B1	M2	A71	403011	В



NOTES:

1. PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301

2. DO NOT SCALE FROM THIS DRAWING 3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNS)

4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS

5. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES 6. LUMINAIRE POSITIONS ARE PRESENTLY BEING IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND AVERGAE ILLUMINATION LEVELS

7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE 8. OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE

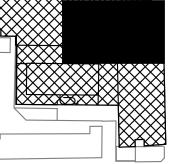
9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-A71-630002

10. REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES

11. THESE DRAWINGS INDICATE THE CIRCUITING ONLY. PLEASE REFER TO THE LIGHTING CONTROL SCHEMATIC AND THE LIGHTING CONTROL TYPE DRAWINGS FOR SWITCHING DETAILS. ADDITIONALLY, PLEASE REFER TO THE C-SHEETS (LOCATED IN THE ARCHITECTURAL PACKAGE) FOR FINAL LOCATIONS OF SWITCHES

> GENERAL C-SHEET AND RCP UPDATE M

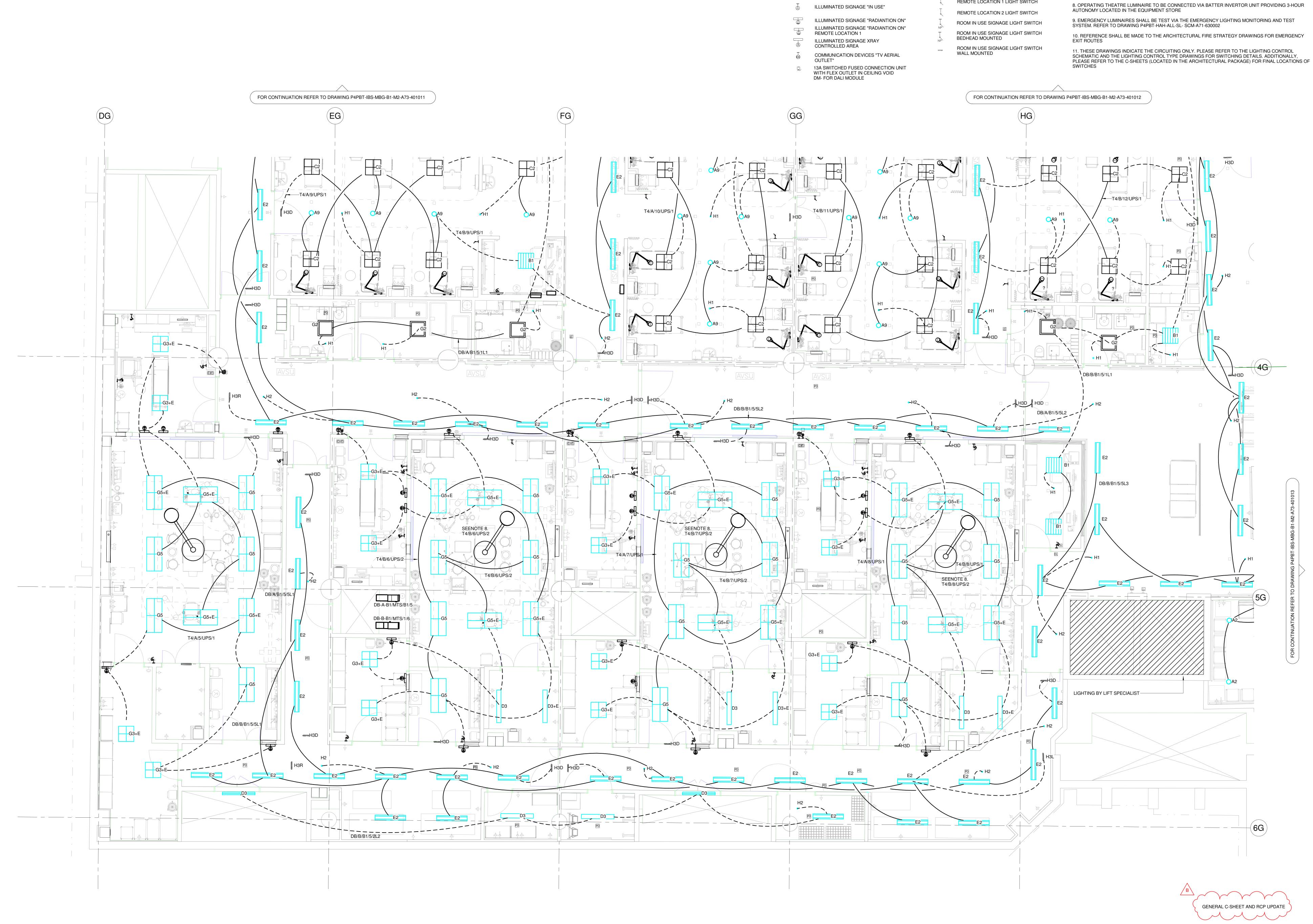




RVT Link: File Name	ModelRevisior
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421054	
P4PBT-IBS-ALL-SL-M3-A71-421501	
P4PBT-IBS-ALL-SL-M3-A71-421851	
P4PBT-IBS-ALL-SL-M3-A71-421853	
P4PBT-IBS-MAB-01-M3-A71-421807	P015
P4PBT-IBS-MBG-B1-M3-A71-421805	P14
P4PBT-IBS-MBG-B3-M3-A71-421802	P23
P4PBT-IBS-MBG-B4-M3-A71-421801	
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P52
P4PBT-STW-ABG-SL-M3-A31-100030	P50

	LUMINAIRES TYPES
PD	PRESENCE DETECTOR
AD A2	ABSENCE DETECTOR RECESSED LED DOWNLIGHT
A4	192mm(W) 99mm(H) RECESSED HIGH OUTPUT LED
	DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
A11	RECESSED LED DOWNLIGHT
A12	90mm (Ø) RECESSED LED DOWNLIGHT
A15	90mm (Ø) TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP -
D1T5	1275mm(L) x 170mm(W) x 103 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -
D1T5E	1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -
D3	1573mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE -
D3E	1282mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE
E2	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
E2	SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E3	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E5	SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
	RECESSED LED LIGHT 70mm x 100mm x VARIES
F1	SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
F2	LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
G2	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x133mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
G3+E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H)
H1 _O	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
H1S O	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
H2 0	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
К	\Box SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
	EXAM LIGHT
B 2019.05.24 A 2019.02.13	
REVISION DATE	DESCRIPTION DRW CHK APP Main Contractor - Bouygues UK
BOU	Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020
University	College London Hospitals NHS Foundation Trust
ORIGINATOR	RSFCAD
DRAWING TITLE	
	ON BEAM THERAPY - PHASE 4 INT LEVEL 1 LIGHTING LAYOUT
SCALE @A0	SHEET 2 BIM FILE NAME - REVISION
1:50 FIRST ISSUE DATE	P4PBT-IBS-ALL-SL-CM-A71-400000 PROPOSED STATUS
13.02.201 PROJECT ISSUER	AREA LEVEL TYPE TRADE SEQUENCE REVISION
P4PBT IBS	MBG B1 M2 A71 403012 B

P4PBT IBS MBG B1 M2 A71 403012 B



REMOTE LOCATION 2

FLUORESCENT LAMP DRUGS CABINET LIGHT FLUORESCENT LAMP MIRROR LIGHT ILLUMINATED SIGNAGE "DO NOT ENTER" **REMOTE LOCATION 1** ILLUMINATED SIGNAGE "DO NOT ENTER"

SIGNAL LAMP POWER SUPPLY UNIT

∐SL

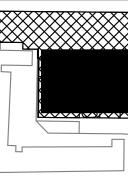
PSU

LUMINAIRES TYPES BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE

- REMOTE LOCATION 1 LIGHT SWITCH
- MODULATING DIMMING SWITCH BEDHEAD MOUNTED
- MODULATING DIMMING SWITCH
- FIXED POSITION DIMMING SWITCH
- LIGHT SWITCH CEILING MOUNTED PULL CORD
- LUMINAIRES SWITCHES LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH

- LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND AVERGAE ILLUMINATION LEVELS 7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE
- 5. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES 6. LUMINAIRE POSITIONS ARE PRESENTLY BEING IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN
- 4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS
- RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNS)
- 2. DO NOT SCALE FROM THIS DRAWING 3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL
- NOTES: 1. PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301



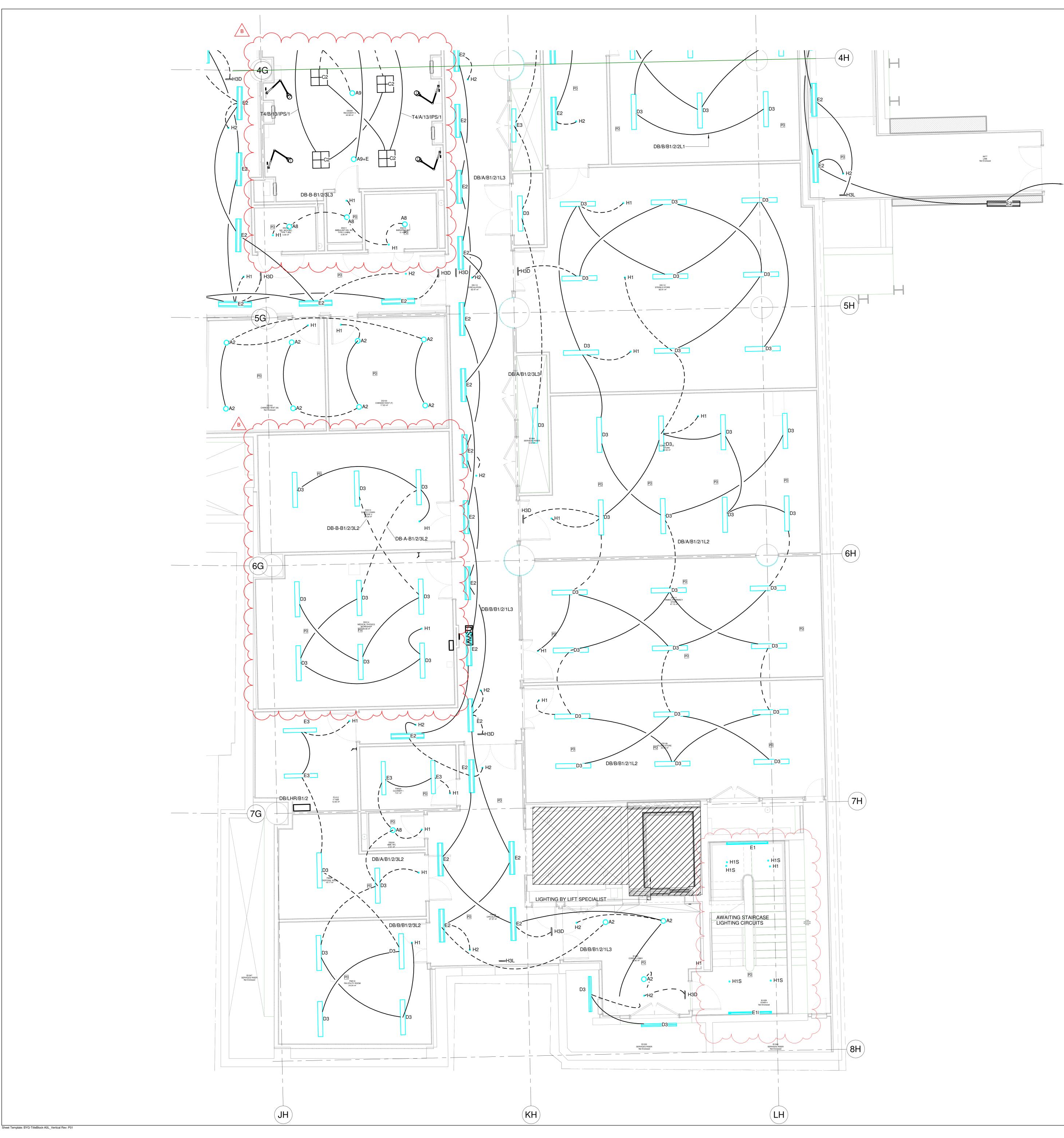


<u>Kak</u>

LINKED MODEL SCHEDULE	
RVT Link: File Name	ModelRevision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421054	
P4PBT-IBS-ALL-SL-M3-A71-421501	
P4PBT-IBS-ALL-SL-M3-A71-421851	
P4PBT-IBS-ALL-SL-M3-A71-421853	
P4PBT-IBS-MAB-01-M3-A71-421807	P015
P4PBT-IBS-MBG-B1-M3-A71-421805	P14
P4PBT-IBS-MBG-B3-M3-A71-421802	P23
P4PBT-IBS-MBG-B4-M3-A71-421801	
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P52
P4PBT-STW-ABG-SL-M3-A31-100030	P50

PD	LUMINAIRES TYPES PRESENCE DETECTOR
AD	ABSENCE DETECTOR
A2	RECESSED LED DOWNLIGHT
A4	192mm(W) 99mm(H) RECESSED HIGH OUTPUT LED
<u>(</u>)	DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT
A10	192mm(w) x 99mm(H) RECESSED LED DOWNLIGHT
A11	80mm (Ø) x 90mm(H) RECESSED LED DOWNLIGHT
A12	90mm (Ø)
\bigcirc	RECESSED LED DOWNLIGHT 90mm (Ø)
A15	TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1E	LINEAR ANTI-CORROSIVE LUMINAIRE
	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D1T5	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1T5E	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D3	LINEAR ANTI-CORROSIVE LUMINAIRE -
D3E	1282mm(L) x 145mm(W) x 101 (H) LINEAR ANTI-CORROSIVE LUMINAIRE
	WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
E2	SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E2	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E3	SURFACE MOUNTED IP40 LED LUMINAIRE
E5	1207mm(L) x 145mm(W) x 73mm (H)
	RECESSED LED LIGHT 70mm x 100mm x VARIES
F1	SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
F2	LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
G2	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x133mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
G3+E	RECESSED NON-MODULAR LED CLEAN ROOM
	LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H)
H1 $_{\odot}$	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H)
H1S O	WIDE BEAM SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H)
H2	WIDE BEAM RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H)
H3 (U,D,L,R)	NARROW BEAM
K	355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
	□ SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
\bigcirc	EXAM LIGHT
B 2019.05.24 A 2019.02.13 EVISION DATE	4B S4 - ISSUE FOR STAGE APPROVAL IBS 4B S3 - FOR REVIEW & COMMENT IBS DESCRIPTION DRW CHK APP
	Main Contractor - Bouygues UK Becket House
BOUYO	1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020
University (College London Hospitals NHS Foundation Trust
[]	
AWING TITLE PROTOI	N BEAM THERAPY - PHASE 4
	NT LEVEL 1 LIGHTING LAYOUT
	SHEET 3
ale @a0 1:50	BIM FILE NAME - REVISION P4PBT-IBS-ALL-SL-CM-A71-400000
RST ISSUE DATE 13.02.2019	PROPOSED STATUS 4B S4 - FOR STAGE APPROVAL
	AREA LEVEL TYPE TRADE SEQUENCE REVISION

PROJECT ISSUER AREA LEVEL TYPE TRADE SEQUENCE REVISIO P4PBT IBS MBG B1 M2 A71 403013 B



2. DO NOT SCALE FROM THIS DRAWING

NOTES:

5. THIS DRAWING SHALL NOT BE USED FOR

IMPORTED INTO THE ARCHITECTURAL MODEL TO ENABLE THE PRODUCTION OF RCP DRAWINGS. THE RCP PROCESS MAY REQUIRE SOME CHANGES IN LUMINAIRE TYPES TO MAINTAIN UNIFORMITY AND AVERGAE ILLUMINATION LEVELS 7. LUMINAIRES TO BE CHANGED TO SURFACE TYPE 8. OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE 9. EMERGENCY LUMINAIRES SHALL BE TEST VIA THE

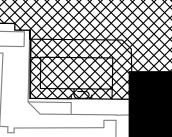
A71-630002

PSU

/ B \



LINKED MODEL SCHEDULE



RVT Link: File Name	ModelRevision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SBG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A71-421054	
P4PBT-IBS-ALL-SL-M3-A71-421501	
P4PBT-IBS-ALL-SL-M3-A71-421851	
P4PBT-IBS-ALL-SL-M3-A71-421853	
P4PBT-IBS-MAB-01-M3-A71-421807	P015
P4PBT-IBS-MBG-B1-M3-A71-421805	P14
P4PBT-IBS-MBG-B3-M3-A71-421802	P23
P4PBT-IBS-MBG-B4-M3-A71-421801	
P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AAB-SL-M3-A31-100051	P49
P4PBT-STW-AAB-SL-M3-A31-100054	P52
P4PBT-STW-ABG-SL-M3-A31-100030	P50

PD	LUMINAIRES TYPES PRESENCE DETECTOR
AD	ABSENCE DETECTOR
A2	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
A4	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
A11	RECESSED LED DOWNLIGHT
A12	90mm (Ø) RECESSED LED DOWNLIGHT
A15	90mm (Ø) TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D1T5	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1T5E	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D3	LINEAR ANTI-CORROSIVE LUMINAIRE -] 1282mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
	SURFACE LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E2	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) X 87mm (H)
E3	SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
E5	RECESSED LED LIGHT 70mm x 100mm x VARIES
F1	SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
F2	LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
G2	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x133mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
G3+E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x145mm(H)
H1 $_{\odot}$ H1S	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
H2	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
H3 (U,D,L,R)	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
	SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED) EXAM LIGHT
B 2019.05.24 A 2019.02.13 REVISION DATE	4B S4 - ISSUE FOR STAGE APPROVAL IBS 4B S3 - FOR REVIEW & COMMENT IBS DESCRIPTION DRW CHK APP
BOUY	GUES Main Contractor - Bouygues UK Becket House 1 Lambeth Palace Rd Lambeth, London SE1 7EU Tel: 020 7401 0020
University	College London Hospitals MHS Foundation Trust
	SSECAD
DRAWING TITLE PROTO	N BEAM THERAPY - PHASE 4
	NT LEVEL 1 LIGHTING LAYOUT

BASEMENT LEVEL 1 LIGHTING LAYOUT SHEET 4							
ALE @A0			BIM FILE I	NAME - RE	VISION		
1:50			P4PBT-IBS-ALL-SL-CM-A71-400000				
ST ISSUE DATE			PROPOSE	ED STATUS	5		
13.02.2019			4B S	4 - FO	R STAG	E APPRO	DV.
ROJECT	ISSUER	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REV

P4PBT IBS MBG B1 M2 A71 403014 B

1. PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301

3. DRAWINGS SHALL BE READ IN CONJUNTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNS)

4. CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS

CONSTRUCTION OR INSTALLATION PURPOSES 6. LUMINAIRE POSITIONS ARE PRESENTLY BEING

EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL- SCM-

10. REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES

11. THESE DRAWINGS INDICATE THE CIRCUITING ONLY. PLEASE REFER TO THE LIGHTING CONTROL SCHEMATIC AND THE LIGHTING CONTROL TYPE DRAWINGS FOR SWITCHING DETAILS. ADDITIONALLY, PLEASE REFER TO THE C-SHEETS (LOCATED IN THE ARCHITECTURAL PACKAGE) FOR FINAL LOCATIONS OF SWITCHES

LUMINAIRES TYPES

BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE

POWER SUPPLY UNIT

FLUORESCENT LAMP DRUGS CABINET LIGHT

FLUORESCENT LAMP MIRROR LIGHT ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1

ILLUMINATED SIGNAGE "DO NOT ENTER" **REMOTE LOCATION 2** ILLUMINATED SIGNAGE "IN USE"

ILLUMINATED SIGNAGE "RADIANTION ON" ILLUMINATED SIGNAGE "RADIANTION ON" **REMOTE LOCATION 1** ILLUMINATED SIGNAGE XRAY

CONTROLLED AREA COMMUNICATION DEVICES "TV AERIAL OUTLET"

13A SWITCHED FUSED CONNECTION UNIT WITH FLEX OUTLET IN CEILING VOID DM- FOR DALI MODULE

LUMINAIRES SWITCHES

_ _ _ _ _ LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH LIGHT SWITCH CEILING MOUNTED PULL CORD FIXED POSITION DIMMING SWITCH MODULATING DIMMING SWITCH MODULATING DIMMING SWITCH BEDHEAD MOUNTED REMOTE LOCATION 1 LIGHT SWITCH

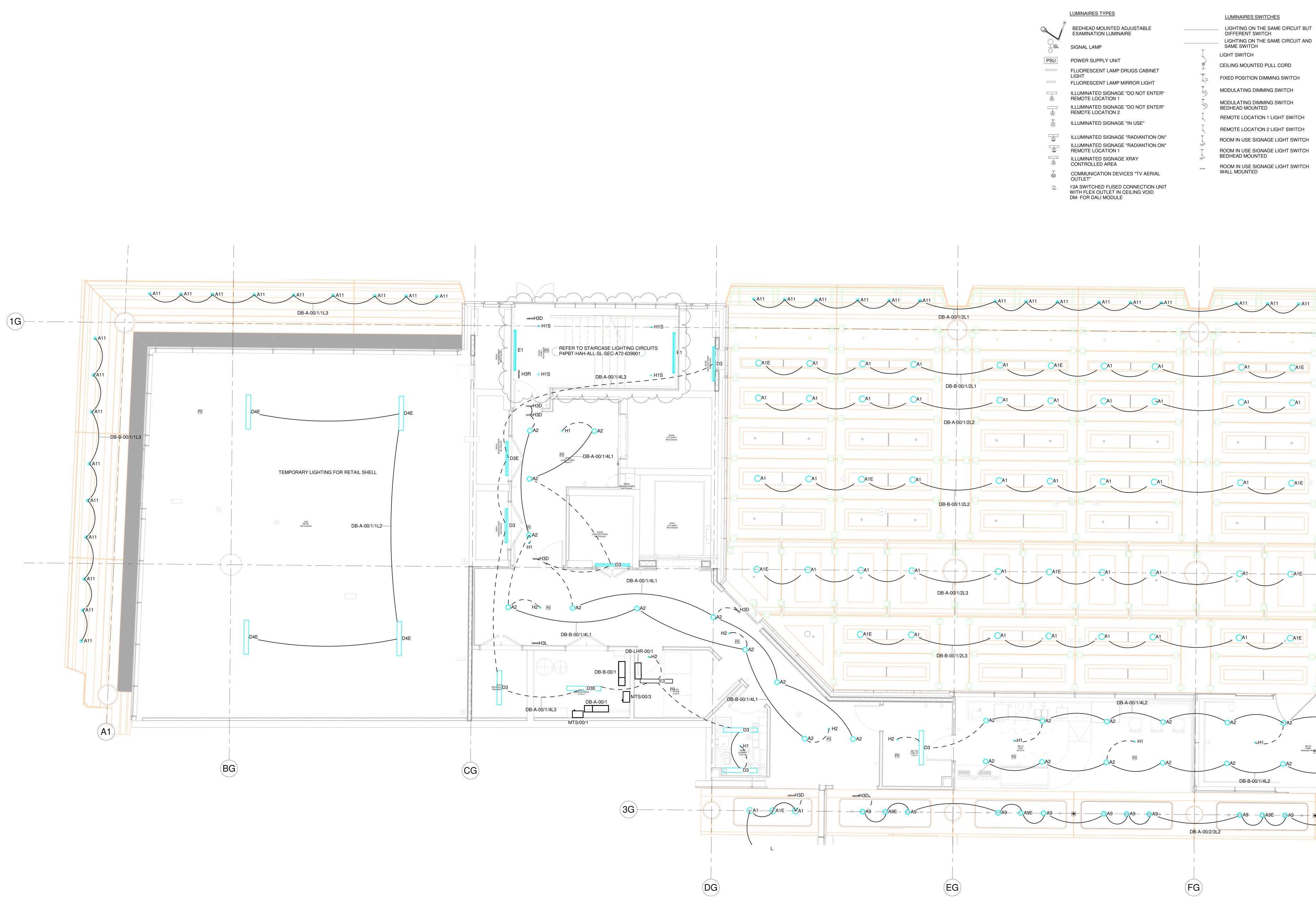
> REMOTE LOCATION 2 LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED

WALL MOUNTED

GENERAL C-SHEET AND RCP UPDATE

 \square

ROOM IN USE SIGNAGE LIGHT SWITCH



2			
	BEDHEAD MOUNTED ADJUSTABLE		LIGHTING C
LSL	SIGNAL LAMP	т	LIGHTING C
SU	POWER SUPPLY UNIT	 	LIGHT SWITC
	FLUORESCENT LAMP DRUGS CABINET	₩ V V	CEILING MOU
	LIGHT FLUORESCENT LAMP MIRROR LIGHT	D	FIXED POSITI
Ţ	ILLUMINATED SIGNAGE "DO NOT ENTER"		MODULATING
๎	REMOTE LOCATION 1 ILLUMINATED SIGNAGE "DO NOT ENTER"	T_D	MODULATING BEDHEAD MC
ا ج	REMOTE LOCATION 2	Ţ	REMOTE LOC
۵.	ILLUMINATED SIGNAGE "IN USE"	Ţ	REMOTE LOC
	ILLUMINATED SIGNAGE "RADIANTION ON"	T NP	ROOM IN USE
	ILLUMINATED SIGNAGE "RADIANTION ON" REMOTE LOCATION 1	NP T NP	ROOM IN USE
	ILLUMINATED SIGNAGE XRAY CONTROLLED AREA	NP	BEDHEAD MO
T	COMMUNICATION DEVICES "TV AERIAL OUTLET"	-	ROOM IN USE WALL MOUNT

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-GND-M2-A71-403013 \sim

11	A11	• A11			
\smile					
			E-	\frown $-$	
	o				
				013	
				103(
A1		A1E		71-4	
				2-A	
				M-D	
A1		A1		ĞN	
$\overline{\ }$				IAB-	
				S-N N-N	
				I-IB	
	0			.BB	
				D4	
				AM	
A 4			Г	DE	
A1		A1E 🕀		S TO	
				BE	
				NOI	
				JAT	
				LIN	
		ii		FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-GND-M2-A71-403013	
				с Ц	
				С С	
A1—	G	A1E			_(
				\bigcirc	
		بوا ا			
A1					
		A1E ⊕			
	A2				
<mark>~</mark>	-11	ME109			
		LOBBY Redundant RoopD			
	 A2				
<u> </u>					
B-B-00/	1/4L2				
A9- —	<mark>⊙</mark> A9E— ⊝A9				
	<u> </u>				

-(2G)

DIMMING SWITCH INTED
TION 1 LIGHT SWITCH
TION 2 LIGHT SWITCH
SIGNAGE LIGHT SWITCH
SIGNAGE LIGHT SWITCH INTED
SIGNAGE LIGHT SWITCH

IMMING SWITCH
IMMING SWITCH
TION 1 LIGHT SWITCH
TION 2 LIGHT SWITCH
IGNAGE LIGHT SWITCH
IGNAGE LIGHT SWITCH NTED

N 2 LIGHT SWITCH	
NAGE LIGHT SWITCH	
NAGE LIGHT SWITCH ED	
NAGE LIGHT SWITCH	
A11 A11	
o	
	₃ ⋳

RV	T Link: File Name
P4PBT-CRE-SAB-S	L-M3-A21-213002
P4PBT-CRE-SBG-S	L-M3-A21-213001
P4PBT-IBS-ALL-SL-	M3-A71-421054
P4PBT-IBS-MAB-01	-M3-A71-421807
P4PBT-IBS-MAB-GN	ND-M3-A71-421806
P4PBT-KYO-AFA-SI	M3-3.01-700010
P4PBT-KYO-AFA-SI	M3-3.01-700020
P4PBT-KYO-AFA-SI	M3-3.01-700030
P4PBT-KYO-AFA-SI	M3-3.01-700040
P4PBT-KYO-AFA-S	M3-3.01-700050
P4PBT-KYO-AFA-S	M3-3.01-700100
P4PBT-KYO-AFA-S	M3-3.01-700200
P4PBT-STW-AAB-S	L-M3-A31-100051
P4PBT-STW-AAB-S	L-M3-A31-100054
P4PBT-STW-ABG-S	L-M3-A31-100030
	LUMINAIRES TYP
PD	PRESENCE DETE
AD	ABSENCE DETEC
A1	RECESSED LED I 243mm(W) 203mn
A2	RECESSED LED [192mm(W) 99mm(

KEY PLAN

LINKED MODEL SCHEDULE

ED MODEL SCHEDULE	E Link: File Name	ModelRevision
PBT-CRE-SAB-SI	-M3-A21-213002 L-M3-A21-213001	P09 P03
PBT-IBS-ALL-SL- PBT-IBS-MAB-01-	M3-A71-421054	P018
PBT-KYO-AFA-SL	ID-M3-A71-421806 M3-3.01-700010	P06
PBT-KYO-AFA-SL	M3-3.01-700020 M3-3.01-700030	P08 P08
PBT-KYO-AFA-SL	M3-3.01-700040 M3-3.01-700050 M3-3.01-700100	P03 P07 P05
PBT-KYO-AFA-SL	M3-3.01-700200 L-M3-A31-100051	P07 P61
	L-M3-A31-100054 L-M3-A31-100030	P61 P50
	LUMINAIRES TYPES	
PD	PRESENCE DETECTOR	
AD A1	ABSENCE DETECTOR RECESSED LED DOWNLIGHT	
A2	243mm(W) 203mm(H) RECESSED LED DOWNLIGHT	
A4 _	192mm(W) 99mm(H) RECESSED HIGH OUTPUT LED	
() A8	DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100m(H)	
Ao	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)	
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)	
A10	RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)	
A11	RECESSED LED DOWNLIGHT 90mm (Ø)	
A12	RECESSED LED DOWNLIGHT 90mm (Ø)	
A15	TV DOWNLIGHT	
B1	DIRECT/ INDIRECT LED 600SQ LUMINAIRE 597mm x 597mm x 7	
B2	DIRECT/ INDIRECT LED 600SQ	
	LUMINAIRE 594mm x 594mm x 4	
C1	DIRECT/ INDIRECT LED 600SQ LUMINAIRE 599mm x 599mm x90	
C2	DUAL IP RATED MULTI-FUNCTI LUMINAIRE FOR HIGH DEPEND UNITS 598mm x 598mm x 137mr	ENCY
D1	LINEAR ANTI-CORROSIVE LUM 1573mm(L) x 145mm(W) x 101 (F	
D1E	LINEAR ANTI-CORROSIVE LUM WITH INTEGRAL BATTERY BAC	INAIRE
D1T5	1275mm(L) x 170mm(W) x 103 (H LINEAR ANTI-CORROSIVE LUM	,
D1T5E	1573mm(L) x 145mm(W) x 101 (H LINEAR ANTI-CORROSIVE LUM	,
D3	1573mm(L) x 145mm(W) x 101 (H LINEAR ANTI-CORROSIVE LUM	,
D3E	1282mm(L) x 145mm(W) x 101 (H LINEAR ANTI-CORROSIVE LUM	,
 D4	WITH INTEGRAL BATTERY BAC 1275mm(L) x 170mm(W) x 103 (F	KUP -
	LINEAR ANTI-CORROSIVE LUM 1578mm(L) x 145mm(W) x 101mr	
E2	SURFACE LED LINEAR LUMINA 1196mm(L) x 146mm(W) X 87mr	
E2	RECESSED LED LINEAR LUMIN 1196mm(L) x 146mm(W) X 87mr	· ··· ·=
E3	SURFACE MOUNTED IP40 LED	
E5	1207mm(L) x 145mm(W) x 73mm RECESSED LED LIGHT	I (H)
F1	70mm x 100mm x VARIES SURFACE MOUNTED IP40 LED	-
F2	926mm(L) x 191mm(W) x 95mm LED CENTRE WARD DOWN LIG	
	CEILING THICKNESSES OF 5-50 183mm (W)x137mm (H) RECESSED MODULAR LED CLE	Omm
G2	LUMINAIRE 599mm x 599mm x13	33mm(H)
G3	RECESSED NON-MODULAR LEI LUMINAIRE 599mm x 599mm x14	45mm(H)
3+E	RECESSED NON-MODULAR LEI LUMINAIRE WITH INTEGRAL 3 I 599mm x 599mm x145mm(H)	
H1 _O	RECESSED NON-MAINTAINED (EMERGENCY DOWNLIGHT 50m	
H1S O	WIDE BEAM SURFACE MOUNTED NON-MAII	
H2	EMERGENCY DOWNLIGHT 1200 WIDE BEAM RECESSED NON-MAINTAINED 3	
0	EMERGENCY DOWNLIGHT 50m NARROW BEAM	
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LE 355mm (L)x150mm (H) U = UP, E RIGHT, L = LEFT	
K	RIGHT, L = LEFT \neg SLIM-LINE RECESSED LINEAI	R LED
L	LED LINE RECESSED STRIP	LIGHT
M	 1230mm(L) x 100mm(W) x 100 2X LED LINE RECESSED STR 	()
ODL3	□ 1230mm(L) x 100mm(W) x 100 OVER DOOR LIGHT SINGLE DIS	mm(H)
	"ROOM IN USE" 2617F (FLUSH L	
	4B S3 - ISSUE FOR REVIEW & COMMENT	IBS
ISION DATE BOUYGE	DESCRIPTION Main Contractor - Becket H 1 Lambeth P	louse
UK	Lambeth, Londo Tel: 020 74	on SE1 7EU
	ollege London Hospi NHS Foundation	
	3SFCAD	
	I BEAM THERAPY - F OOR LIGHTING LAY(_
	1	

ALL LEVELS	TAKEN	FROM	LEVEL	00 S	SL - 2	27430
					-	

	SCALE @A0			BIM FILE	NAME - RE	VISION		
1 : 50			P4PBT-IBS-ALL-SL-CM-A71-400000					
	FIRST ISSUE	DATE		PROPOSE	ED STATUS	6		
	201	9.07.2	29	4B S3	- FOF	REVIEV	V & CON	1MEN
	PROJECT	ISSUER	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REVISIO
	P4PBT	IBS	MAB	GND	M2	A71	403011	Α



SAME SWITCH LIGHT SWITCH	KEY PLA		
CEILING MOUNTED PULL CORD	LINKED MODEL SCHED		
FIXED POSITION DIMMING SWITCH	F	VT Link: File Name	ModelRevision
MODULATING DIMMING SWITCH	P4PBT-CRE-SBG	-SL-M3-A21-213002 -SL-M3-A21-213001	P09 P03
MODULATING DIMMING SWITCH		6L-M3-A71-421054 01-M3-A71-421807	P018
BEDHEAD MOUNTED REMOTE LOCATION 1 LIGHT SWITCH		GND-M3-A71-421806 ·SL-M3-3.01-700010	P06
REMOTE LOCATION 2 LIGHT SWITCH		SL-M3-3.01-700020 SL-M3-3.01-700030	P08 P08
ROOM IN USE SIGNAGE LIGHT SWITCH		SL-M3-3.01-700040 SL-M3-3.01-700050	P03 P07
ROOM IN USE SIGNAGE LIGHT SWITCH	P4PBT-KYO-AFA-	SL-M3-3.01-700100 SL-M3-3.01-700200	P05 P07
BEDHEAD MOUNTED ROOM IN USE SIGNAGE LIGHT SWITCH	P4PBT-STW-AAB	-SL-M3-A31-100051 -SL-M3-A31-100054	P61 P61
WALL MOUNTED		-SL-M3-A31-100030	P50
		LUMINAIRES TYPES	
	PD	PRESENCE DETECTOR	
	AD A1	ABSENCE DETECTOR RECESSED LED DOWNLIGH	т
		243mm(W) 203mm(H)	
	A2	RECESSED LED DOWNLIGH 192mm(W) 99mm(H)	Т
	A4	RECESSED HIGH OUTPUT L DOWNLIGHT FOR MRI ROOI	
	A8	90mm DIA x 100m(H)	_
	A9	RECESSED LED DOWNLIGH 183mm(w) x 137mm(H)	
	A9	RECESSED LED DOWNLIGH 192mm(w) x 99mm(H)	Т
	A10	RECESSED LED DOWNLIGH 80mm (Ø) x 90mm(H)	Т
	A11	RECESSED LED DOWNLIGH	Т
	A12		Ŧ
		RECESSED LED DOWNLIGH 90mm (Ø)	
		TV DOWNLIGHT	
	B1	DIRECT/ INDIRECT LED 6005 LUMINAIRE 597mm x 597mm	
	B2	DIRECT/ INDIRECT LED 6005 LUMINAIRE 594mm x 594mm	
	C1	DIRECT/ INDIRECT LED 6005 LUMINAIRE 599mm x 599mm	
	C2	DUAL IP RATED MULTI-FUNG LUMINAIRE FOR HIGH DEPE	NDENCY
	D1	UNITS 598mm x 598mm x 137	
		LINEAR ANTI-CORROSIVE L 1573mm(L) x 145mm(W) x 10	1 (H)
	D1E	LINEAR ANTI-CORROSIVE L WITH INTEGRAL BATTERY E 1275mm(L) x 170mm(W) x 10	BACKUP -
	D1T5	LINEAR ANTI-CORROSIVE L	UMINAIRE -
	D1T5E	1573mm(L) x 145mm(W) x 10 LINEAR ANTI-CORROSIVE L	
(2H)] 1573mm(L) x 145mm(W) x 10	1 (H)
	D3	LINEAR ANTI-CORROSIVE L 1282mm(L) x 145mm(W) x 10	
	D3E	LINEAR ANTI-CORROSIVE L WITH INTEGRAL BATTERY	BACKUP -
	D4	¹ 1275mm(L) x 170mm(W) x 10 LINEAR ANTI-CORROSIVE LU	. ,
	E2] 1578mm(L) x 145mm(W) x 10	
		SURFACE LED LINEAR LUMI 1196mm(L) x 146mm(W) X 8	
	E2	RECESSED LED LINEAR LUN 1196mm(L) x 146mm(W) X 8	MINAIRE
	E3		
		SURFACE MOUNTED IP40 LI 1207mm(L) x 145mm(W) x 73	
	E5	RECESSED LED LIGHT 70mm x 100mm x VARIES	
	F1	SURFACE MOUNTED IP40 LI 926mm(L) x 191mm(W) x 95m	
	F2	LED CENTRE WARD DOWN	. ,
		CEILING THICKNESSES OF 9 183mm (W)x137mm (H)	
	G2	RECESSED MODULAR LED (LUMINAIRE 599mm x 599mm	
	G3	RECESSED NON-MODULAR LUMINAIRE 599mm x 599mm	
	G3+E	RECESSED NON-MODULAR	LED CLEAN ROOM
		599mm x 599mm x145mm(H)	
3H	H1 _O	RECESSED NON-MAINTAINE EMERGENCY DOWNLIGHT 5 WIDE BEAM	
	H1S O	SURFACE MOUNTED NON-M EMERGENCY DOWNLIGHT 1	
	H2	RECESSED NON-MAINTAINE	ED 3 HOUR
	H3 (U,D,L,R)	NARROW BEAM	
		355mm (L)x150mm (H) U = U RIGHT, L = LEFT	
	K	SLIM-LINE RECESSED LIN	EAR LED
	L		
	M	1230mm(L) x 100mm(W) x 2X LED LINE RECESSED S	
	ODL3	1230mm(L) x 100mm(W) x	100mm(H)
		OVER DOOR LIGHT SINGLE "ROOM IN USE" 2617F (FLUS	
		EXAM LIGHT	
	A 2019.07.29 REVISION DATE	4B S3 - ISSUE FOR REVIEW & COMM DESCRIPTION	ENT IBS DRW CHK /
	BOU	GUES 1 Lambe	tor - Bouygues UK ket House eth Palace Rd
	University		ondon SE1 7EU 0 7401 0020 spitals NHS
	ORIGINATOR		
4 H	DRAWING TITLE	RZFCA	D
	PROTO	N BEAM THERAPY LOOR LIGHTING LA	_
			AYOUT SH

LUMINAIRES SWITCHES

LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH

LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH

ALL LEVELS TAKEN FROM LEVEL 00 SSL - 27430

1-400000 PROPOSED STATUS2019.07294B S3 - FOR REVIEW & COMMENT FIRST ISSUE DATE
 PROJECT
 ISSUER
 AREA
 LEVEL
 TYPE
 TRADE
 SEQUENCE
 REVISION

 P4PBT
 IBS
 MAB
 GND
 M2
 A71
 403012
 A