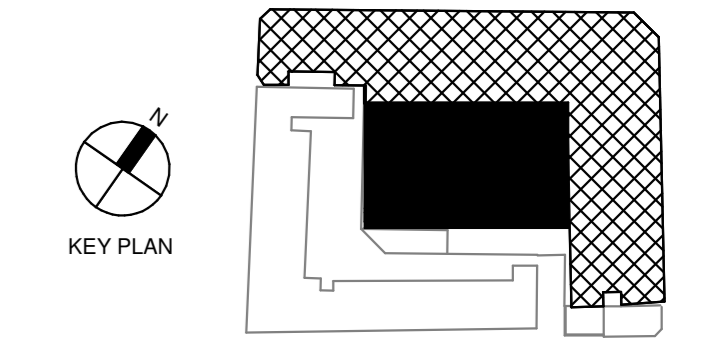


FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-GND-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-GND-M2-A71-403012



LINKED MODEL SCHEDULE	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A2-213002		P09
P4PBT-CRE-SBS-SL-M3-A2-213001		P03
P4PBT-IBS-ALL-SL-M3-A71-421054		P018
P4PBT-IBS-MAB-01-M3-A71-421807		P018
P4PBT-IBS-MAB-GND-M3-A71-421806		P018
P4PBT-KYO-AFA-SL-M3-3.01-700010		P06
P4PBT-KYO-AFA-SL-M3-3.01-700020		P08
P4PBT-KYO-AFA-SL-M3-3.01-700030		P08
P4PBT-KYO-AFA-SL-M3-3.01-700040		P03
P4PBT-KYO-AFA-SL-M3-3.01-700050		P07
P4PBT-KYO-AFA-SL-M3-3.01-700100		P05
P4PBT-KYO-AFA-SL-M3-3.01-700200		P07
P4PBT-STW-AAB-SL-M3-A31-100051		P01
P4PBT-STW-AAB-SL-M3-A31-100054		P01
P4PBT-STW-ABG-SL-M3-A31-100030		P50

LUMINAIRES TYPES	
PD	PRESENCE DETECTOR
AD	ABSENCE DETECTOR
A1	RECESSED LED DOWNLIGHT 243mm(W) 203mm(H)
A2	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
A4	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(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 x 96mm
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)
D1TS	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1TSE	LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D3	LINEAR ANTI-CORROSIVE LUMINAIRE - 1207mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D4	LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101mm(H)
E2	SURFACE LED LINEAR LUMINAIRE 1190mm(L) x 146mm(W) x 87mm (H)
E2	RECESSED LED LINEAR LUMINAIRE 1190mm(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) x 137mm (H)
G2	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
G3-E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
H1	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) 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
K	SLIM-LINE RECESSED LINEAR LED
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)
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT 'ROOM IN USE' 2617' (FLUSH LED)
	EXAM LIGHT

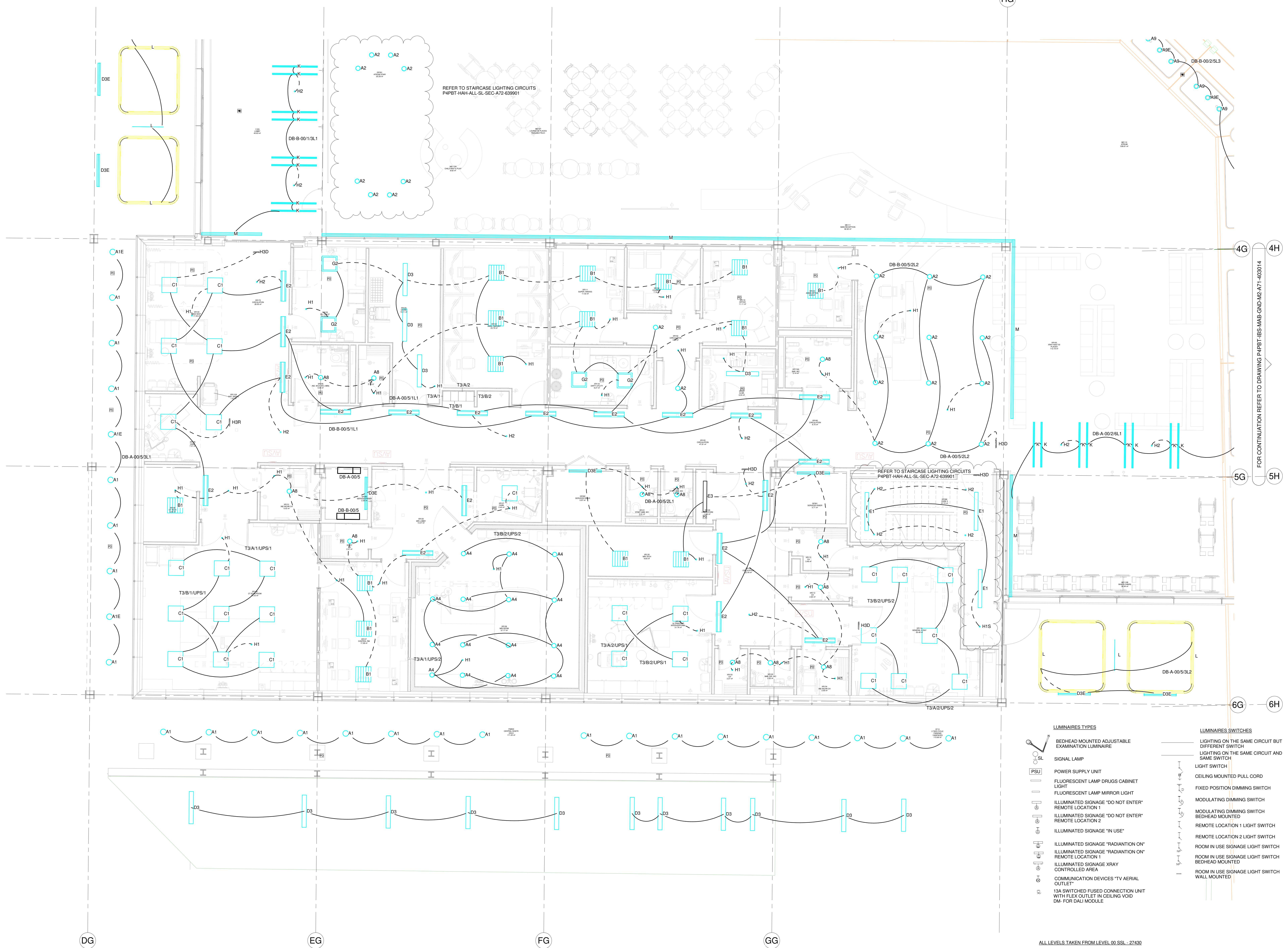
REVISION	DATE	DESCRIPTION	BY	CHK	APP
A	2019.07.29	4B S3 - ISSUE FOR REVIEW & COMMENT	IBS		

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

ORIGINATOR **IBSECAD**

DRAWING TITLE
**PROTON BEAM THERAPY - PHASE 4
GROUND FLOOR LIGHTING LAYOUT SHEET
3**

SCALE @A3	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000
FIRST ISSUE DATE	2019.07.29	PROPOSED STATUS	4B S3 - FOR REVIEW & COMMENT
PROJECT NUMBER	IBS	AREA	M2
P4PBT	IBS	MAB	GND M2 A71 403013 A

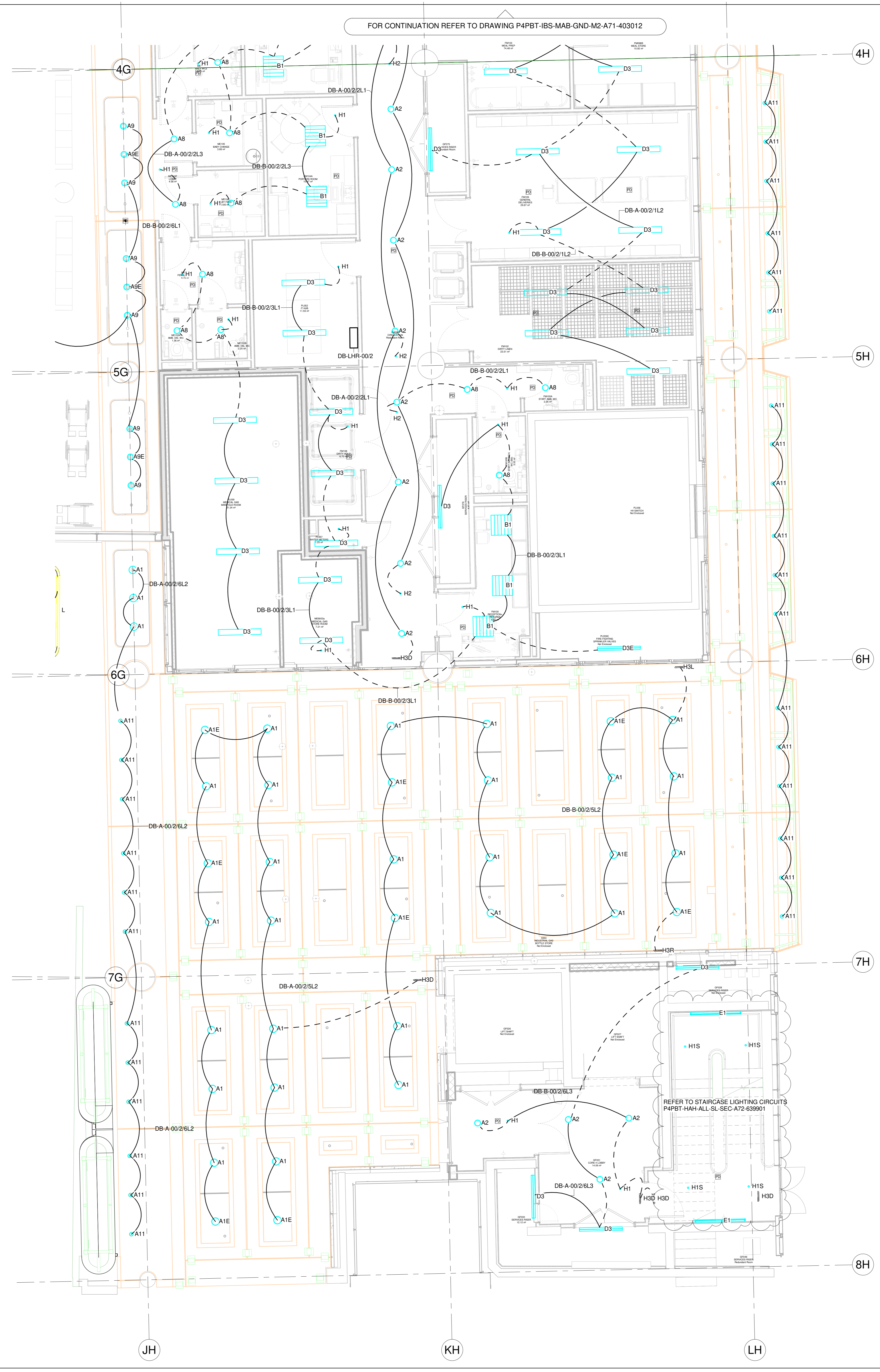


LUMINAIRES TYPES		LUMINAIRES SWITCHES	
PSU	POWER SUPPLY UNIT	—	LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH
SL	SIGNAL LAMP	—	LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH
FL	FLUORESCENT LAMP DRUGS CABINET LIGHT	—	LIGHT SWITCH
FL	FLUORESCENT LAMP MIRROR LIGHT	—	CEILING MOUNTED PULL CORD
IS1	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1	—	FIXED POSITION DIMMING SWITCH
IS2	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 2	—	MODULATING DIMMING SWITCH
IS3	ILLUMINATED SIGNAGE "IN USE"	—	MODULATING DIMMING SWITCH BEDHEAD MOUNTED
IS4	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	REMOTE LOCATION 1 LIGHT SWITCH
IS5	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	REMOTE LOCATION 2 LIGHT SWITCH
IS6	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH
IS7	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED
IS8	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS9	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS10	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS11	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS12	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS13	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS14	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS15	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS16	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS17	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS18	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS19	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS20	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS21	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS22	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS23	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS24	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS25	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS26	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS27	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS28	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS29	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS30	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS31	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS32	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS33	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS34	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS35	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS36	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS37	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS38	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS39	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS40	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS41	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS42	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS43	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS44	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS45	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS46	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS47	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS48	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS49	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS50	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS51	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS52	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS53	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS54	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS55	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS56	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS57	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS58	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS59	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS60	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS61	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS62	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS63	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS64	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS65	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS66	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS67	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS68	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS69	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS70	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS71	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS72	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS73	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS74	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS75	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS76	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS77	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS78	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS79	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS80	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS81	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS82	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS83	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS84	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS85	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS86	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS87	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS88	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS89	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS90	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS91	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS92	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS93	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS94	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS95	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS96	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS97	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS98	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS99	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED
IS100	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1	—	ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED

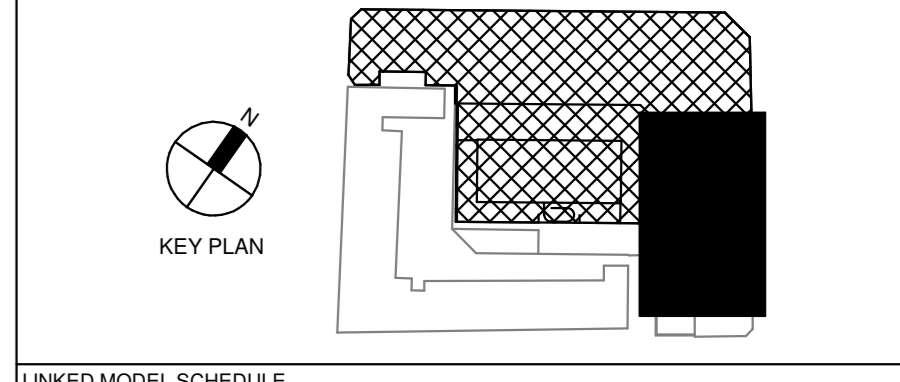
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FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-GND-M2-A71-403012

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



- 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 "RADIATION ON" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
 - ILLUMINATED SIGNAGE XRAY CONTROLLED AREA
 - COMMUNICATION DEVICES "TV AERIAL OUTLET"
 - 10A 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



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P09
P4PBT-CRE-SAB-SL-M3-A21-213001		P03
P4PBT-IBS-ALL-SL-M3-A71-421054		P018
P4PBT-IBS-MAB-01-M3-A71-421807		P018
P4PBT-IBS-MAB-GND-M3-A71-421806		P06
P4PBT-KYO-AFA-SL-M3-3.01-700010		P06
P4PBT-KYO-AFA-SL-M3-3.01-700020		P08
P4PBT-KYO-AFA-SL-M3-3.01-700030		P08
P4PBT-KYO-AFA-SL-M3-3.01-700040		P03
P4PBT-KYO-AFA-SL-M3-3.01-700050		P07
P4PBT-KYO-AFA-SL-M3-3.01-700100		P05
P4PBT-KYO-AFA-SL-M3-3.01-700200		P07
P4PBT-STW-AAB-SL-M3-A31-100051		P61
P4PBT-STW-AAB-SL-M3-A31-100054		P61
P4PBT-STW-ABG-SL-M3-A31-100030		P50

- LUMINAIRES TYPES**
- PRESENCE DETECTOR
 - ABSENCE DETECTOR
 - RECESSED LED DOWNLIGHT 243mm(W) x 203mm(H)
 - RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM - 90mm DIA x 100mm(H)
 - RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
 - RECESSED LED DOWNLIGHT 90mm (Ø)
 - RECESSED LED DOWNLIGHT 90mm (Ø)
 - TV DOWNLIGHT
 - DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
 - DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 599mm x 46mm
 - 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)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE 1578mm(L) x 145mm(W) x 101mm(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)
 - SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
 - RECESSED LED LIGHT 70mm x 100mm x VARIES
 - SURFACE MOUNTED IP40 LED LUMINAIRE 959mm(L) x 151mm(W) x 95mm (H)
 - LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
 - RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3-HOUR BATTERY 599mm x 599mm x 145mm(H)
 - RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
 - SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
 - 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
 - LED LINE RECESSED STRIP LIGHT 1230mm(L) x 100mm(W) x 100mm(H)
 - 2X LED LINE RECESSED STRIP LIGHT 1230mm(L) x 100mm(W) x 100mm(H)
 - OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617P (FLUSH LED)
 - EXAM LIGHT

REVISION	DATE	DESCRIPTION	ISSUE	CHK	APP
A	2019.07.29	4B S3 - ISSUE FOR REVIEW & COMMENT	IBS		

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



DRAWING TITLE
PROTON BEAM THERAPY - PHASE 4
GROUND FLOOR LIGHTING LAYOUT SHEET
 4

SCALE @A3	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000
FIRST ISSUE DATE	2019.07.29	PROPOSED STATUS	4B S3 - FOR REVIEW & COMMENT
PROJECT NUMBER	IBS	LEVEL	M2
PROJECT AREA	MAB	TRACE	A71
PROJECT SHEET	GND	REVISION	403014

ALL LEVELS TAKEN FROM LEVEL 00 SSL - 27420

- NOTES:**
- PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301
 - DO NOT SCALE FROM THIS DRAWING
 - DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNs)
 - CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS
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 - 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 AVERAGE ILLUMINATION LEVELS
 - LUMINAIRE TYPES TO BE CHANGED TO SURFACE TYPE
 - OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTERY INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE
 - EMERGENCY LUMINAIRE SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL-SCM-A71-630002
 - REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES
 - 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

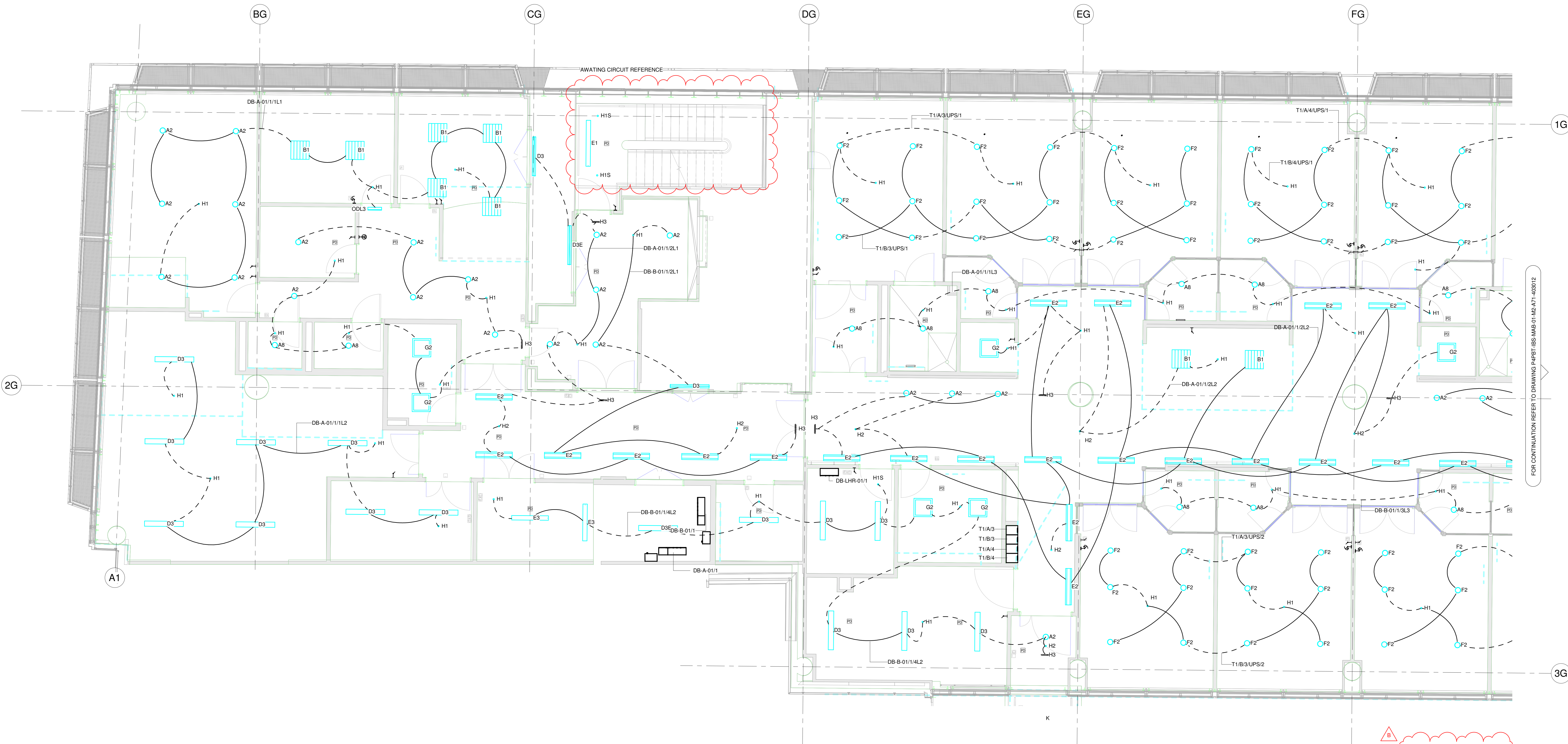
- LUMINAIRE TYPES**
- BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
 - SIGNAL LAMP
 - POWER SUPPLY UNIT
 - FLUORESCENT LAMP DRUGS CABINET LIGHT
 - FLUORESCENT LAMP MIRROR LIGHT
 - ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 2
 - ILLUMINATED SIGNAGE "IN USE"
 - ILLUMINATED SIGNAGE "RADIATION 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 DAU MODULE
- LUMINAIRE 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 BEDHEAD MOUNTED
 - ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED

LINKED MODEL SCHEDULE

Model	Revision	File Name
P4PBT-CRE-SAB-SL-M3-A21-213002	P09	
P4PBT-CRE-SAB-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-AB-SL-M3-A31-100051	P49	
P4PBT-STW-AB-SL-M3-A31-100054	P52	
P4PBT-STW-AB-SL-M3-A31-100030	P50	

LUMINAIRE TYPES

PD	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 100mm(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 90mm (D) x 90mm(H)
A11	RECESSED LED DOWNLIGHT 90mm (D)
A12	RECESSED LED DOWNLIGHT 90mm (D)
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 x 96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSION LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1E	LINEAR ANTI-CORROSION LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D1TS	LINEAR ANTI-CORROSION LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1TSE	LINEAR ANTI-CORROSION LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1573mm(L) x 145mm(W) x 101 (H)
D3	LINEAR ANTI-CORROSION LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSION 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)
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	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) 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
K	SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617P (FLUSH LED)
EXAM LIGHT	EXAM LIGHT



REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
B	2019.05.24	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019.02.14	4B S1 - FOR REVIEW COMMENT	IBS		

Main Contractor: Bouygues UK
 Bouygues UK
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

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

ORIGINATOR: **IBSECAD**

DRAWING TITLE
 PROTON BEAM THERAPY - PHASE 4
 FIRST FLOOR LIGHTING LAYOUT SHEET 1

SCALE @A0
 1 : 50

BM FILE NAME - REVISION
 P4PBT-IBS-ALL-SL-CM-A71-400000

PROJECT	ISSUE	AREA	LEVEL	TYPE	TRACE	SEQUENCE	REVISION
P4PBT	IBS	MAB	01	M2	A71	403011	B

NOTES:

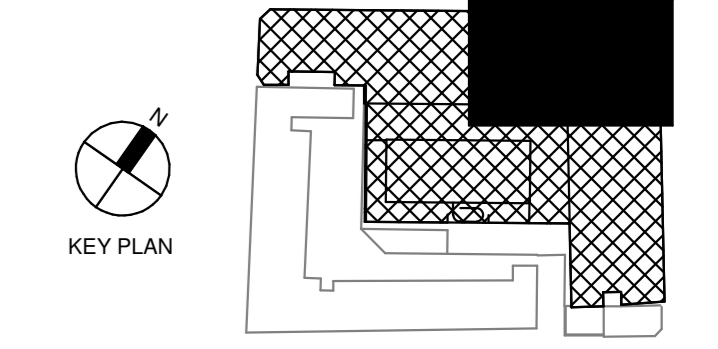
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- LUMINAIRE TYPES TO BE CHANGED TO SURFACE TYPE
- OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTERY INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE
- EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL-SCH-A71-630002
- REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES
- 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

LUMINAIRE 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 "RADIATION ON" REMOTE LOCATION 1
- ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
- 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

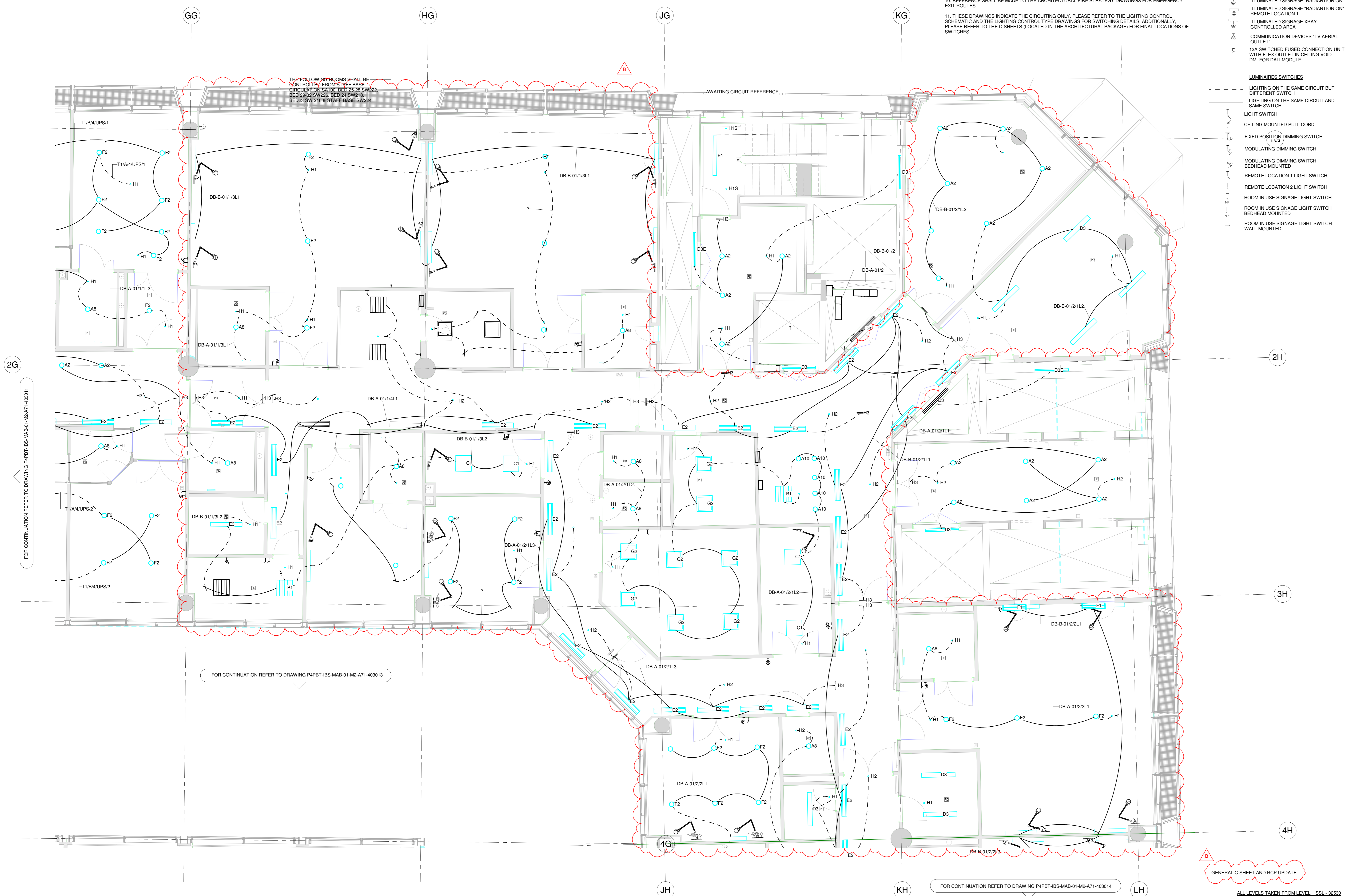
LUMINAIRE SWITCHES

- 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
- REMOTE LOCATION 1 LIGHT SWITCH
- REMOTE LOCATION 2 LIGHT SWITCH
- ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED
- ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED



LINKED MODEL SCHEDULE	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A2-213002		P09
P4PBT-CRE-SAB-SL-M3-A2-213001		P03
P4PBT-IBS-ALL-SL-M3-A71-421054		
P4PBT-IBS-ALL-SL-M3-A71-421054		
P4PBT-IBS-ALL-SL-M3-A71-421051		
P4PBT-IBS-ALL-SL-M3-A71-421053		
P4PBT-IBS-MAB-01-M3-A71-421007		P015
P4PBT-IBS-MAB-01-M3-A71-421005		P14
P4PBT-IBS-MAB-01-M3-A71-421002		P23
P4PBT-IBS-MAB-01-M3-A71-421001		
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

LUMINAIRE TYPES	
PD	PRESENCE DETECTOR
AD	ABSENCE DETECTOR
A2	RECESSED LED DOWNLIGHT 150mm(W) x 90mm(H)
A4	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(H)
A8	RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 150mm(W) x 90mm(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 598mm x 598mm x 66mm
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 WITH INTEGRAL BATTERY BACKUP 1275mm(L) x 170mm(W) x 103 (H)
D3	LINEAR ANTI-CORROSIVE LUMINAIRE 1282mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP 1196mm(L) x 146mm(W) x 87mm(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 DOWNLIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W) x 137mm (H)
G2	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 133mm(H)
G3	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
G3-E	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
H1	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) 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 385mm (L) x 150mm (H) U - UP, D - DOWN, R - RIGHT, L - LEFT
K	SLIM-LINE RECESSED LINEAR LED
OD.L3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
EXAM LIGHT	EXAM LIGHT



THE FOLLOWING ROOMS SHALL BE CONTROLLED FROM STAFF BASE CIRCULATION SA100, BED 25-28 SW222, BED 29-32 SW205, BED 24 SW116, BED23 SW 216 & STAFF BASE SW224

AWAITING CIRCUIT REFERENCE

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403013

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403014

GENERAL C-SHEET AND RCP UPDATE

ALL LEVELS TAKEN FROM LEVEL 1 SSL - 32530

REVISION	DATE	DESCRIPTION	DRW	CHK	APP
B	2019/05/24	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019/02/14	4B S3 - FOR REVIEW COMMENT	IBS		

Main Contractor: Bouygues UK
 Bouygues UK
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

University College London Hospitals NHS Foundation Trust

ORIGINATOR: **IBSECAD**

DRAWING TITLE: **PROTON BEAM THERAPY - PHASE 4**
FIRST FLOOR LIGHTING LAYOUT SHEET 2

SCALE @A3	BM FILE NAME	REVISION	PROPOSED STATUS
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400000		14.02.2019 4B S4 - FOR STAGE APPROVAL
PROJECT ISSUED	MAB	01	M2 A71 403012 B

NOTES:

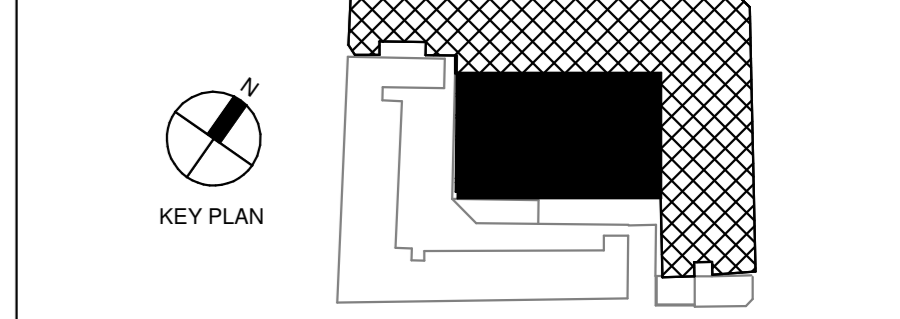
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- LUMINAIRE TYPES TO BE CHANGED TO SURFACE TYPE
- OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTERY INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE
- EMERGENCY LUMINAIRE SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL-SCH-A71-630002
- REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES
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LUMINAIRE TYPES

- REDHEAD 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 "RADIATION ON"
- ILLUMINATED SIGNAGE "RADIATION 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

LUMINAIRE 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



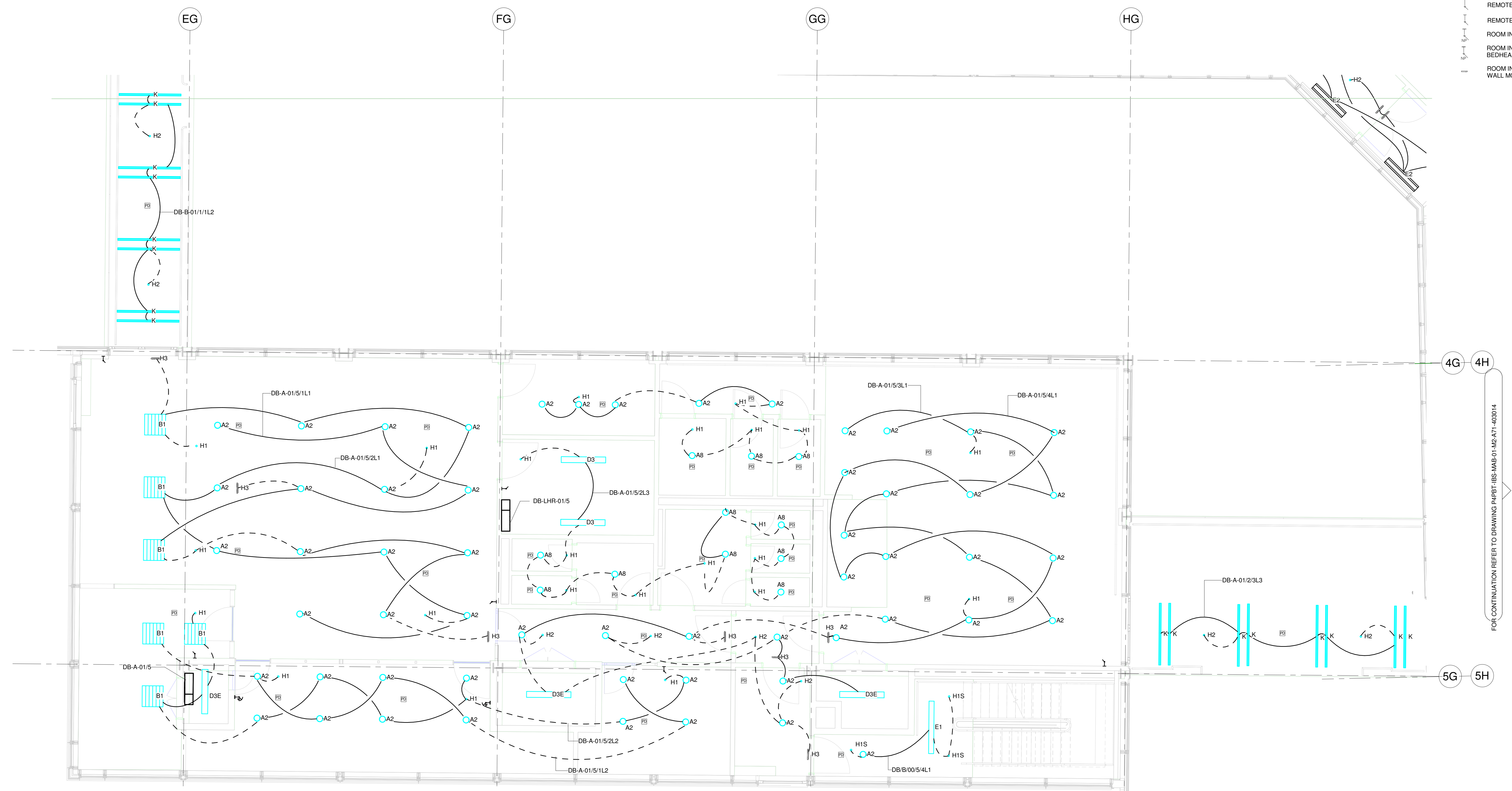
LINKED MODEL SCHEDULE

Model	Revision	RVT Link: File Name
P4PBT-CRE-SAB-SL-M3-A21-213002	P09	
P4PBT-CRE-SBK-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-MGB-B1-M3-A71-421805	P14	
P4PBT-IBS-MGB-B3-M3-A71-421802	P23	
P4PBT-IBS-MGB-B4-M3-A71-421802		
P4PBT-KYO-AFA-SL-M3-01-700020	P02	
P4PBT-KYO-AFA-SL-M3-01-700020	P04	
P4PBT-KYO-AFA-SL-M3-01-700040	P03	
P4PBT-KYO-AFA-SL-M3-01-700040	P01	
P4PBT-KYO-AFA-SL-M3-01-700040	P05	
P4PBT-KYO-AFA-SL-M3-01-700100	P01	
P4PBT-KYO-AFA-SL-M3-01-700100	P04	
P4PBT-STW-AAB-SL-M3-A31-100024	P49	
P4PBT-STW-AAB-SL-M3-A31-100024	P52	
P4PBT-STW-AAB-SL-M3-A31-100024	P50	

A9	RECESSED LED DOWNLIGHT 150mm(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 x 96mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
D1	LINEAR ANTI-CORROSIIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1E	LINEAR ANTI-CORROSIIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D1TS	LINEAR ANTI-CORROSIIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
D1TSE	LINEAR ANTI-CORROSIIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
D3	LINEAR ANTI-CORROSIIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIIVE 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 LUMINAIRE FOR HIGH DEPENDENCY UNITS 70mm x 100mm x VARIES
E5	RECESSED LED LIGHT 926mm(L) x 191mm(W) x 95mm (H)
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 EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
H1	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
H1S	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
H2	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
H3 (U,D,L,R)	CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
K	SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
Ø	EXAM LIGHT

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403012



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403014

GENERAL C-SHEET AND RCP UPDATE

ALL LEVELS TAKEN FROM LEVEL 1 SSL - 32630

REVISION	DATE	DESCRIPTION	BY	CHK	APP
B	2019/05/24	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019/02/14	4B S1 - FOR REVIEW COMMENT	IBS		

Main Contractor: Bouygues UK
 Bucket House
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

University College London Hospitals NHS Foundation Trust

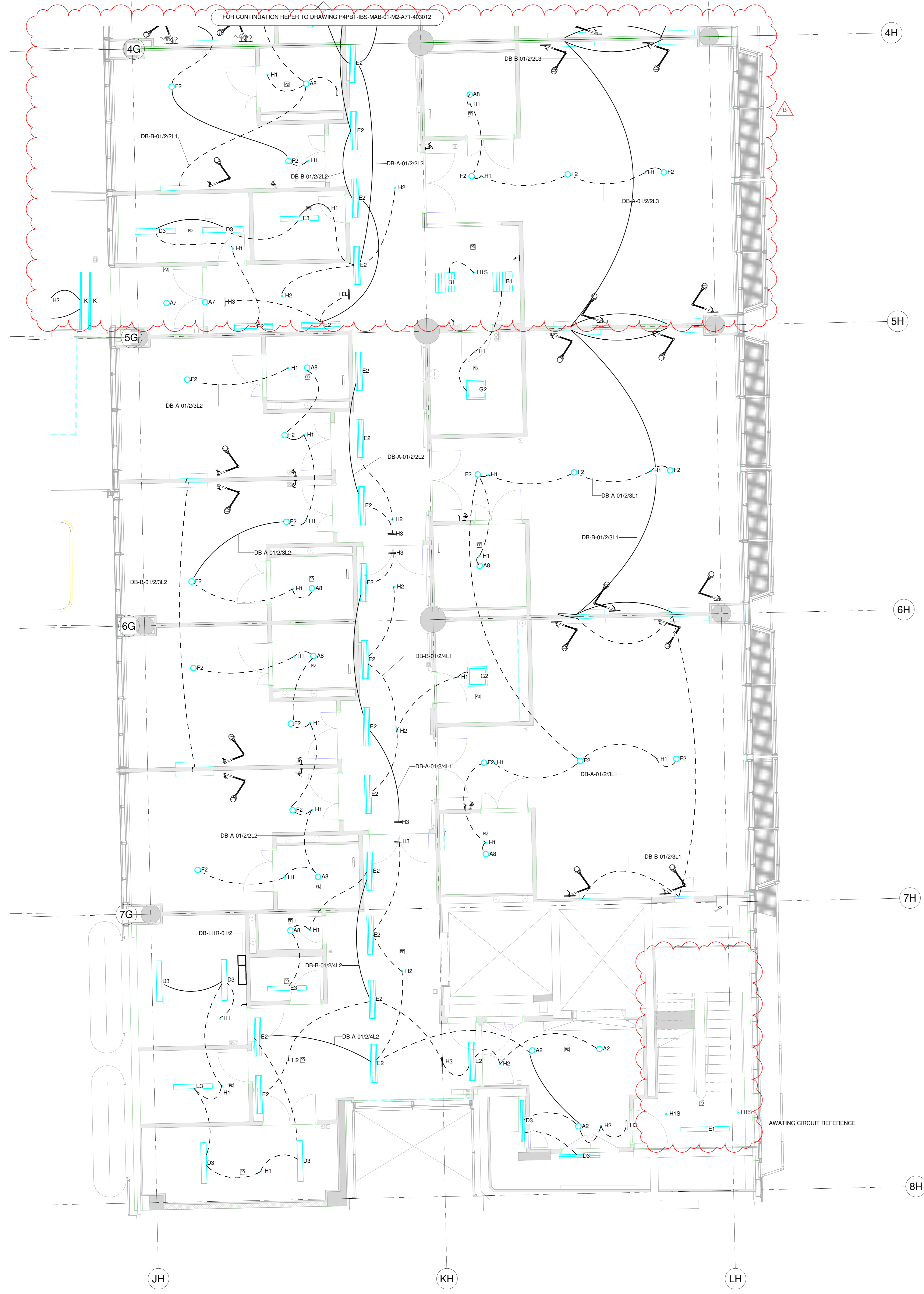
ORIGINATOR: **IBSECAD**

DRAWING TITLE: **PROTON BEAM THERAPY - PHASE 4**
FIRST FLOOR LIGHTING LAYOUT SHEET 3

SCALE	BM FILE NAME	REVISION
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400000	

PROJECT	ISSUE	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT	IBS	MAB	01	M2	A71	403013	B

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-01-M2-A71-403013

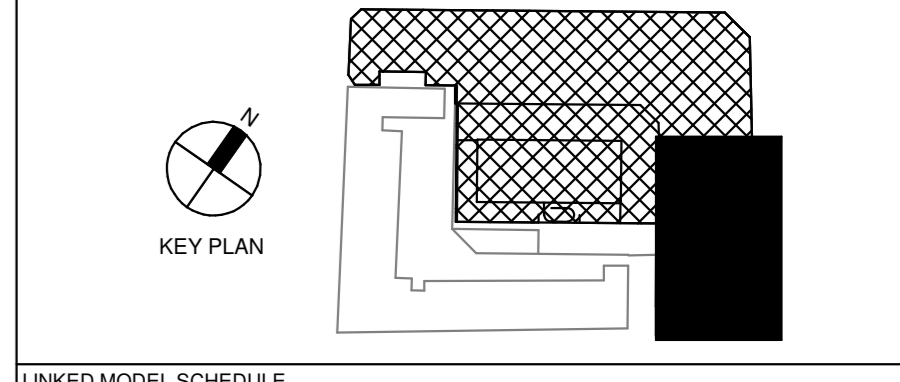


NOTES:

- PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCH-A72-006301
- DO NOT SCALE FROM THIS DRAWING
- DRAWINGS SHALL BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS ALL RELEVANT BRITISH STANDARD DOCUMENTS, HEALTH TECHNICAL MEMORANDUMS (HTMS) & HEALTH BUILDING NOTES (HBNS)
- CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RODS
- THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES
- 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 AVERAGE ILLUMINATION LEVELS
- LUMINAIRES TO BE CHANGED TO SURFACE TYPE
- OPERATING THEATRE LUMINAIRE TO BE CONNECTED VIA BATTER INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE
- EMERGENCY LUMINAIRES SHALL BE TEST VIA THE EMERGENCY LIGHTING MONITORING AND TEST SYSTEM. REFER TO DRAWING P4PBT-HAH-ALL-SL-SCM-A71-630002
- REFERENCE SHALL BE MADE TO THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES
- 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

- LUMINAIRE 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 "RADIATION ON" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
 - 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

- LUMINAIRE 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 BEDHEAD MOUNTED
 - ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P09
P4PBT-CRE-SAB-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-MGB-01-M3-A71-421805		P14
P4PBT-IBS-MGB-03-M3-A71-421802		P23
P4PBT-IBS-MGB-04-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-ABG-SL-M3-A31-100051		P49
P4PBT-STW-ABG-SL-M3-A31-100054		P52
P4PBT-STW-ABG-SL-M3-A31-100030		P50

LUMINAIRE TYPES

PD	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 100mm(H)
A8	RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
A9	RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
A10	RECESSED LED DOWNLIGHT 80mm (D) x 90mm(H)
A11	RECESSED LED DOWNLIGHT 90mm (D)
A12	RECESSED LED DOWNLIGHT 90mm (D)
A15	TV DOWNLIGHT
B1	DIRECT/ INDIRECT LED 600SO MODULE LUMINAIRE 597mm x 597mm x 71mm
B2	DIRECT/ INDIRECT LED 600SO MODULE LUMINAIRE 594mm x 594mm x 42mm
C1	DIRECT/ INDIRECT LED 600SO MODULE LUMINAIRE 599mm x 599mm x 36mm
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 WITH INTEGRAL BATTERY BACKUP - 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	SURFACE LED LINEAR LUMINAIRE 1190mm(L) x 146mm(W) X 87mm (H)
E2	RECESSED LED LINEAR LUMINAIRE 1190mm(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	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) 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
K	SLIM-LINE RECESSED LINEAR LED
ODL3	OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 261TF (FLUSH LED)
	EXAM LIGHT

REVISION	DATE	DESCRIPTION	DRW	CHK	APP
B	2019.05.24	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019.02.14	4B S3 - FOR REVIEW ACKNOWLEDGMENT	IBS		

Main Contractor: Bouygues UK
 Bouygues UK
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

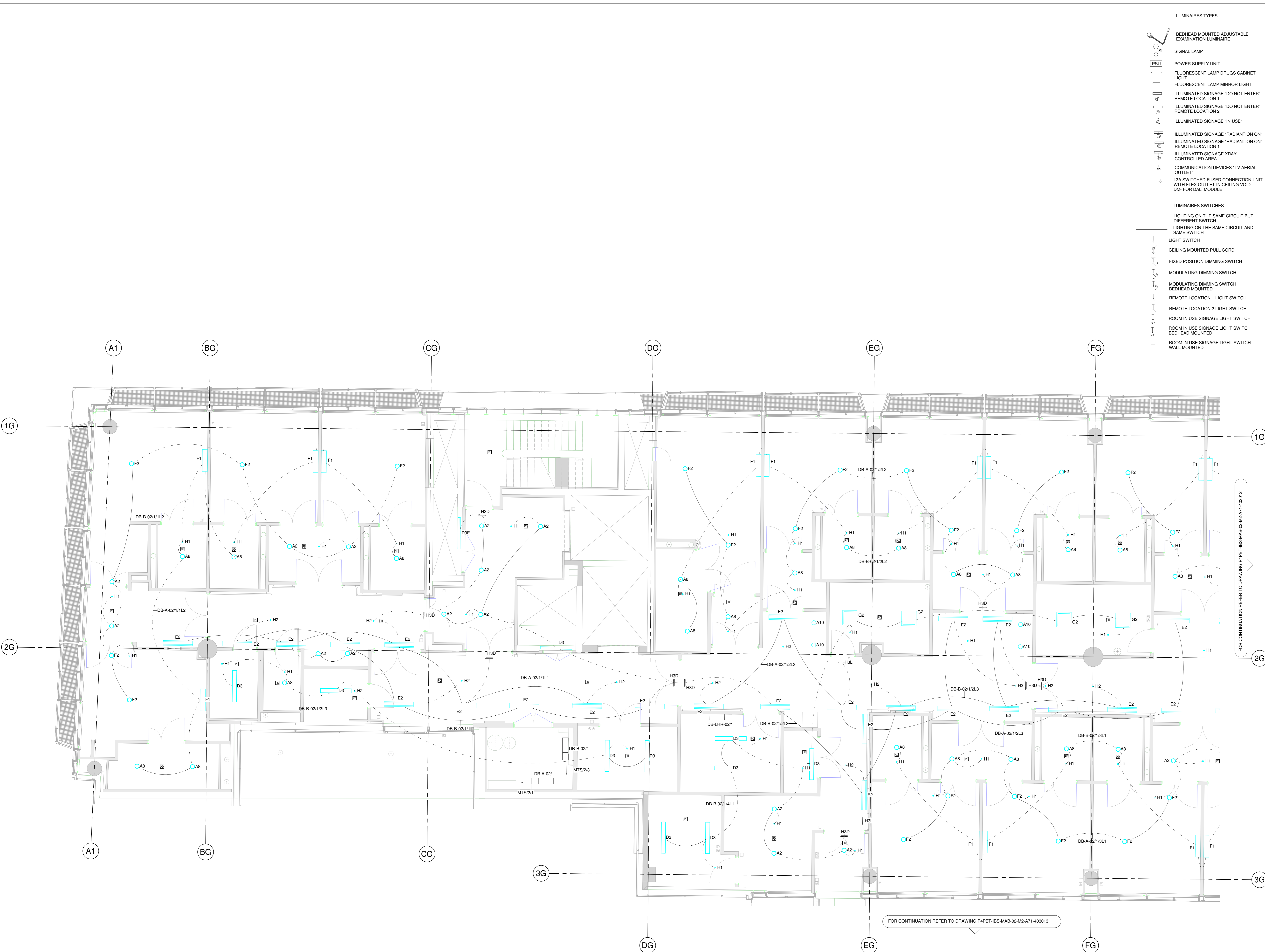
ORIGINATOR: **IBSECAD**

DRAWING TITLE: **PROTON BEAM THERAPY - PHASE 4**
FIRST FLOOR LIGHTING LAYOUT SHEET 4

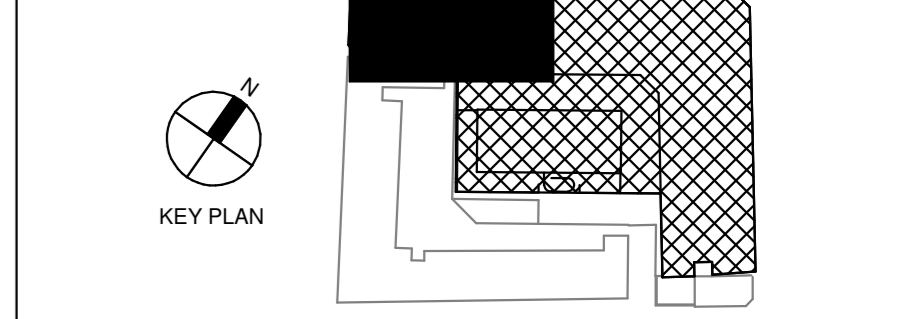
SCALE	1 : 50	BM FILE NAME	REVISION
		P4PBT-IBS-ALL-SL-CM-A71-400000	
FIRST ISSUE DATE	14.02.2019	PROPOSED STATUS	4B S4 - FOR STAGE APPROVAL
PROJECT	IBS	AREA	M2
		LEVEL	A71
		TRADE	403014
		REVISION	B

GENERAL C-SHEET AND RCP UPDATE

ALL LEVELS TAKEN FROM LEVEL 1 SSL - 32530



- 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 "RADIATION ON" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
 - 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



LINKED MODEL SCHEDULE

Model	Revision	File Name
P4PBT-CRE-SAB-SL-M3-A2	21/3002	P09
P4PBT-CRE-SRG-SL-M3-A2	21/3001	P03
P4PBT-IBS-ALL-SL-M3-A81	500000	P20
P4PBT-IBS-MAB-02-M3-A71	421808	P04
P4PBT-IBS-MAB-03-M3-A71	421809	P04
P4PBT-IBS-MAB-05-M3-A71	421811	P08
P4PBT-IBS-MBG-B1-M3-A71	421805	P02
P4PBT-KYO-AFA-SL-M3-3.01-700010		P03
P4PBT-KYO-AFA-SL-M3-3.01-700020		P06
P4PBT-KYO-AFA-SL-M3-3.01-700030		P05
P4PBT-KYO-AFA-SL-M3-3.01-700040		P02
P4PBT-KYO-AFA-SL-M3-3.01-700050		P06
P4PBT-KYO-AFA-SL-M3-3.01-700100		P03
P4PBT-KYO-AFA-SL-M3-3.01-700200		P05
P4PBT-STW-AAB-SL-M3-A31-100051		P41
P4PBT-STW-AAB-SL-M3-A31-100054		P41
P4PBT-STW-AFA-SL-M3-A31-100060		P41

- LUMINAIRES TYPES**
- PRESENCE DETECTOR
 - ABSENCE DETECTOR
 - RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
 - RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM-90mm DIA x 100mm(H)
 - RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
 - RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
 - RECESSED LED DOWNLIGHT 90mm (D) x 90mm(H)
 - RECESSED LED DOWNLIGHT 90mm (D)
 - TV DOWNLIGHT
 - DIRECT/ INDIRECT LED 60050 MODULE LUMINAIRE 597mm x 597mm x 71mm
 - DIRECT/ INDIRECT LED 60050 MODULE LUMINAIRE 594mm x 594mm x 42mm
 - DIRECT/ INDIRECT LED 60050 MODULE LUMINAIRE 599mm x 599mm x 96mm
 - 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)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 145mm(W) x 87mm (H)
 - SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
 - RECESSED LED LIGHT 70mm x 100mm x VARIES
 - SURFACE MOUNTED IP40 LED LUMINAIRE 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 LUMINAIRE 599mm x 599mm x 133mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
 - RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
 - SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
 - 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
 - OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" (FLUSH LED)
 - EXAM LIGHT

REVISION	DATE	BY	FOR REVIEW & COMMENT	ISS
A	2019.03.08	AB S3	FOR REVIEW & COMMENT	IBS

Main Contractor: Bouygues UK
Becket House
1 Lambeth Palace Rd
London SE1 7EU
Tel: 020 7401 0020



DRAWING TITLE
**PROTON BEAM THERAPY - PHASE 4
SECOND FLOOR LIGHTING LAYOUT SHEET
1**

SCALE	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000-P08
FIRST ISSUE DATE	08.03.2019	PROPOSED STATUS	4B S3 FOR REVIEW & COMMENT
PROJECT	IBS MAB 02 M2	AREA	A71
PROJECT NUMBER	403011	TRADE	A

ALL LEVELS TAKEN FROM LEVEL 2 SSL - 36610



LUMINAIRES TYPES

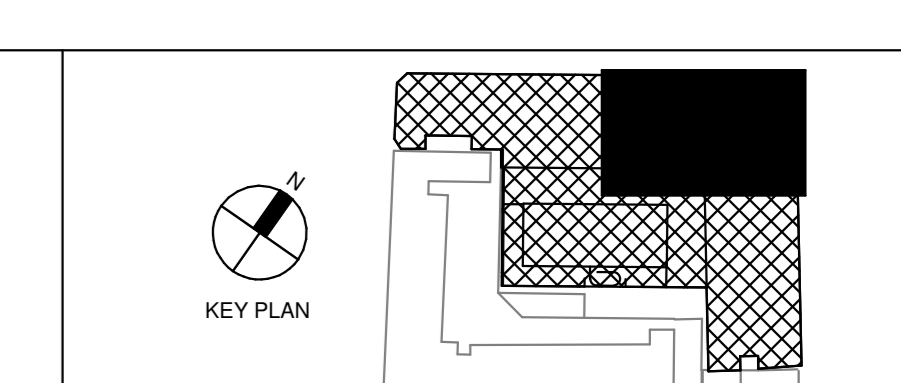
Symbol	Description
	BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
	SIGNAL LAMP
	POWER SUPPLY UNIT
	FLUORESCENT LAMP DRUGS CABINET LIGHT
	FLUORESCENT LAMP MIRROR LIGHT
	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 1
	ILLUMINATED SIGNAGE "DO NOT ENTER" REMOTE LOCATION 2
	ILLUMINATED SIGNAGE "IN USE"
	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1
	ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
	ILLUMINATED SIGNAGE X-RAY 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 BEDHEAD MOUNTED
	ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED

LUMINAIRES TYPES

	PRESENCE DETECTOR
	ABSENCE DETECTOR
	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(H)
	RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
	RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
	RECESSED LED DOWNLIGHT 90mm (D) x 90mm(H)
	RECESSED LED DOWNLIGHT 90mm (D)
	TV DOWNLIGHT
	DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
	DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
	DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 66mm
	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 588mm x 588mm x 157mm
	LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 146mm(W) x 101(H)
	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP 1275mm(L) x 170mm(W) x 103(H)
	LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 145mm(W) x 101(H)
	LINEAR ANTI-CORROSIVE LUMINAIRE 1573mm(L) x 146mm(W) x 101(H)
	LINEAR ANTI-CORROSIVE LUMINAIRE 1282mm(L) x 145mm(W) x 101(H)
	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP 1275mm(L) x 170mm(W) x 103(H)
	RECESSED LED LINEAR LUMINAIRE 1196mm(L) x 146mm(W) x 87mm(H)
	SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm(H)
	RECESSED LED LIGHT 70mm x 100mm x VARIES
	SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm(H)
	LED CENTRE WARD DOWNLIGHT FOR CEILING THICKNESSES OF 5-50mm 183mm (W)x137mm (H)
	RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x133mm(H)
	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
	RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x145mm(H)
	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
	SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
	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
	OVER DOOR LIGHT SINGLE DISPLAY UNIT ROOM IN USE 281TF (FLUSH LED)
	EXAM LIGHT



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A2-213002	P4PBT-CRE-SAB-SL-M3-A2-213002	P09
P4PBT-CRE-SRG-SL-M3-A21-3001	P4PBT-CRE-SRG-SL-M3-A21-3001	P03
P4PBT-IBS-ALL-SL-M3-A81-500000	P4PBT-IBS-ALL-SL-M3-A81-500000	P20
P4PBT-IBS-MAB-02-M3-A71-421808	P4PBT-IBS-MAB-02-M3-A71-421808	P04
P4PBT-IBS-MAB-03-M3-A71-421809	P4PBT-IBS-MAB-03-M3-A71-421809	P04
P4PBT-IBS-MAB-05-M3-A71-421811	P4PBT-IBS-MAB-05-M3-A71-421811	P08
P4PBT-IBS-MBG-B1-M3-A71-421805	P4PBT-IBS-MBG-B1-M3-A71-421805	P02
P4PBT-KYO-AFA-SL-M3-3.01-700010	P4PBT-KYO-AFA-SL-M3-3.01-700010	P03
P4PBT-KYO-AFA-SL-M3-3.01-700020	P4PBT-KYO-AFA-SL-M3-3.01-700020	P06
P4PBT-KYO-AFA-SL-M3-3.01-700030	P4PBT-KYO-AFA-SL-M3-3.01-700030	P05
P4PBT-KYO-AFA-SL-M3-3.01-700040	P4PBT-KYO-AFA-SL-M3-3.01-700040	P02
P4PBT-KYO-AFA-SL-M3-3.01-700050	P4PBT-KYO-AFA-SL-M3-3.01-700050	P06
P4PBT-KYO-AFA-SL-M3-3.01-700100	P4PBT-KYO-AFA-SL-M3-3.01-700100	P03
P4PBT-KYO-AFA-SL-M3-3.01-700200	P4PBT-KYO-AFA-SL-M3-3.01-700200	P05
P4PBT-STW-AAB-SL-M3-A31-100051	P4PBT-STW-AAB-SL-M3-A31-100051	P41
P4PBT-STW-AAB-SL-M3-A31-100054	P4PBT-STW-AAB-SL-M3-A31-100054	P41
P4PBT-STW-AFA-SL-M3-A31-100060	P4PBT-STW-AFA-SL-M3-A31-100060	P41

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403013

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403014

ALL LEVELS TAKEN FROM LEVEL 2 SSL - 36610

REVISION: 2019 03 08 4B S3 FOR REVIEW & COMMENT ISS

DATE: 2019 03 08 DESCRIPTION: 4B S3 FOR REVIEW & COMMENT

SCOUTQUES Main Contractor - Scoutques UK
Becket House
1 Lambeth Palace Rd
Lambeth, London SE1 7EU
Tel: 020 7401 0020

ORIGINATOR: University College London Hospitals NHS Foundation Trust

IBSECAD

DRAWING TITLE: PROTON BEAM THERAPY - PHASE 4
SECOND FLOOR LIGHTING LAYOUT SHEET 2

SCALE @A0: 1 : 50

BM FILE NAME: REVISION: P4PBT-IBS-ALL-SL-CM-A71-40000

POB

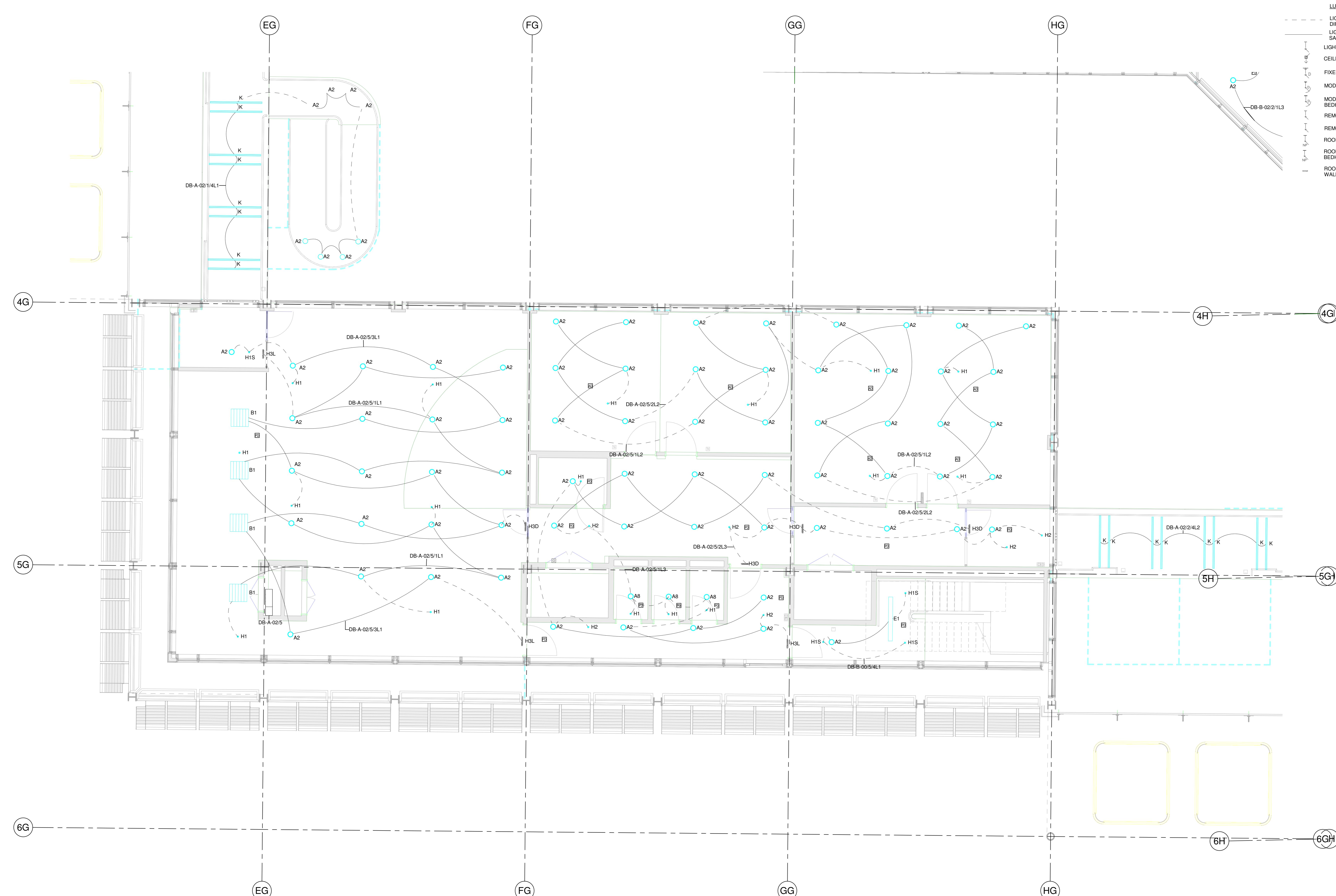
FIRST ISSUE DATE: 08.03.2019 PROPOSED STATUS: 4B S3 FOR REVIEW & COMMENT

PROJECT	ISSUED	AREA	LEVEL	TYPE	TRADE	REVISION
P4PBT	IBS	MAB	02	M2	A71	403012 A

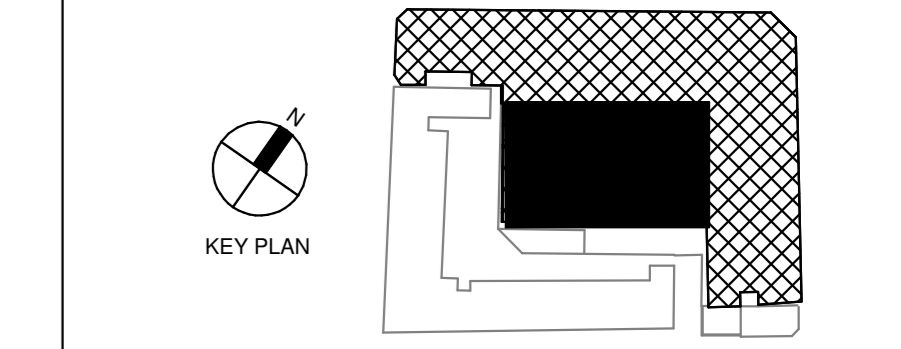
Drawn: Tahirah BTO, Tahirah AL, Tahirah AL

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403012



- LUMINAIRES TYPES**
- BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
 - SIGNAL LAMP
 - PSU 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 "RADIATION 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
 - ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED
 - ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED



LINKED MODEL SCHEDULE

RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002	P09
P4PBT-CRE-SRG-SL-M3-A21-213001	P03
P4PBT-IBS-ALL-SL-M3-A81-500000	P20
P4PBT-IBS-MAB-02-M3-A71-421808	P04
P4PBT-IBS-MAB-03-M3-A71-421809	P08
P4PBT-IBS-MAB-05-M3-A71-421811	P08
P4PBT-IBS-MBG-B1-M3-A71-421805	P02
P4PBT-KYO-AFA-SL-M3-3.01-700010	P03
P4PBT-KYO-AFA-SL-M3-3.01-700020	P06
P4PBT-KYO-AFA-SL-M3-3.01-700030	P05
P4PBT-KYO-AFA-SL-M3-3.01-700040	P02
P4PBT-KYO-AFA-SL-M3-3.01-700050	P06
P4PBT-KYO-AFA-SL-M3-3.01-700100	P03
P4PBT-KYO-AFA-SL-M3-3.01-700200	P05
P4PBT-STW-AAB-SL-M3-A31-100051	P41
P4PBT-STW-AAB-SL-M3-A31-100054	P41
P4PBT-STW-AFA-SL-M3-A31-100060	

- LUMINAIRES TYPES**
- PRESENCE DETECTOR
 - ABSENCE DETECTOR
 - RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
 - RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(H)
 - RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
 - RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
 - RECESSED LED DOWNLIGHT 90mm (Ø)
 - RECESSED LED DOWNLIGHT 90mm (Ø)
 - TV DOWNLIGHT
 - DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
 - DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
 - DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 588mm x 598mm x 137mm
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - RECESSED LED LINEAR LUMINAIRE 1195mm(L) x 145mm(W) x 87mm (H)
 - SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
 - RECESSED LED LIGHT 70mm x 100mm x VARIES
 - SURFACE MOUNTED IP40 LED LUMINAIRE 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 LUMINAIRE 599mm x 599mm x 133mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
 - RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
 - SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
 - 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
 - OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
 - EXAM LIGHT

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403014

REVISION	DATE	DESCRIPTION	BY	CHK	APP
A	2019 03 08	4B S3 FOR REVIEW & COMMENT	IBS		

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

ORIGINATOR

DRAWING TITLE
**PROTON BEAM THERAPY - PHASE 4
SECOND FLOOR LIGHTING LAYOUT SHEET
3**

SCALE @A0	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000
PROPOSED STATUS	08.03.2019	4B S3 FOR REVIEW & COMMENT	
PROJECT	IBS	AREA	MAB
LEVEL	02	TYPE	M2
TRACE	A71	REVISION	403013

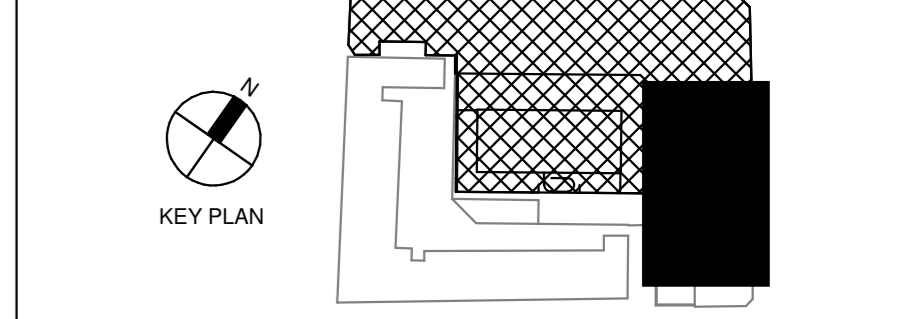
ALL LEVELS TAKEN FROM LEVEL 2 SSL - 36610



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403013

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-403012

- 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 "RADIATION ON" ILLUMINATED LOCATION 1
 - ILLUMINATED SIGNAGE XRAY CONTROLLED AREA
 - COMMUNICATION DEVICES TV AERIAL OUTLET
 - 13A SWITCHED FLEX 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
 - CEILING MOUNTED PULL CORD
 - FIXED POSITION DIMMING SWITCH
 - MODULATING DIMMING SWITCH
 - REMOTE LOCATION 1 LIGHT SWITCH
 - REMOTE LOCATION 2 LIGHT SWITCH
 - ROOM IN USE SIGNAGE LIGHT SWITCH BEDHEAD MOUNTED
 - ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P09
P4PBT-CRE-SRG-SL-M3-A21-213001		P03
P4PBT-IBS-ALL-SL-M3-A81-500000		P20
P4PBT-IBS-MAB-02-M3-A71-421808		P01
P4PBT-IBS-MAB-03-M3-A71-421809		P04
P4PBT-IBS-MAB-05-M3-A71-421811		P08
P4PBT-IBS-MBG-B1-M3-A71-421805		P02
P4PBT-KYO-AFA-SL-M3-3.01-700010		P03
P4PBT-KYO-AFA-SL-M3-3.01-700020		P06
P4PBT-KYO-AFA-SL-M3-3.01-700030		P05
P4PBT-KYO-AFA-SL-M3-3.01-700040		P02
P4PBT-KYO-AFA-SL-M3-3.01-700050		P06
P4PBT-KYO-AFA-SL-M3-3.01-700100		P03
P4PBT-KYO-AFA-SL-M3-3.01-700200		P05
P4PBT-STW-AAB-SL-M3-A31-100051		P41
P4PBT-STW-AAB-SL-M3-A31-100054		P41
P4PBT-STW-AFA-SL-M3-A31-100060		P41

- LUMINAIRES TYPES**
- PRESENCE DETECTOR
 - ABSENCE DETECTOR
 - RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(H)
 - RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
 - RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - RECESSED LED DOWNLIGHT 90mm (D) x 90mm(H)
 - RECESSED LED DOWNLIGHT 90mm (D)
 - TV DOWNLIGHT
 - DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 597mm x 597mm x 71mm
 - DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 594mm x 594mm x 42mm
 - DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - 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)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
 - LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - RECESSED LED LINEAR LUMINAIRE 1192mm(L) x 146mm(W) x 87mm (H)
 - SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
 - RECESSED LED LIGHT 20mm x 100mm x VARIES
 - SURFACE MOUNTED IP40 LED LUMINAIRE 926mm(L) x 191mm(W) x 95mm (H)
 - LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W) x 137mm (H)
 - RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 133mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
 - RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) WIDE BEAM
 - SURFACE MOUNTED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(H) WIDE BEAM
 - RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 50mm DIA x 45mm(H) NARROW BEAM
 - CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L) x 150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
 - SLIM-LINE RECESSED LINEAR LED
 - OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2817F (FLUSH LED)
 - EXAM LIGHT

REVISION	DATE	DESCRIPTION	DRN	CHK	APP
A	2019.03.08	4B S3 - FOR REVIEW & COMMENT	IBS		

Main Contractor: Bouygues UK
 Bouygues UK
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

University College London Hospitals NHS Foundation Trust

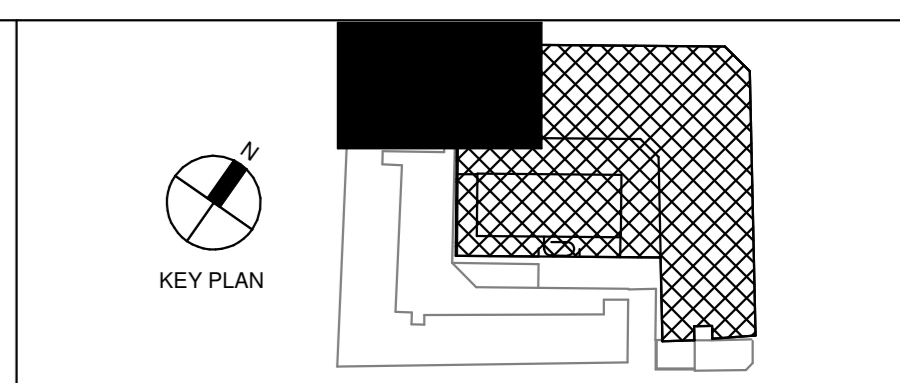
ORIGINATOR: **IBSECAD**

DRAWING TITLE: **PROTON BEAM THERAPY - PHASE 4 SECOND FLOOR LIGHTING LAYOUT SHEET 4**

SCALE @A0	BM FILE NAME - REVISION						
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400000_P08						
FIRST ISSUE DATE	PROPOSED STATUS						
08.03.2019	4B S3 FOR REVIEW & COMMENT						
PROJECT	ISSUED	AREA	LEVEL	TYPE	TRACE	SEQUENCE	REVISION
P4PBT	IBS	MAB	02	M2	A71	403014	A

ALL LEVELS TAKEN FROM LEVEL 2 SSL - 36610

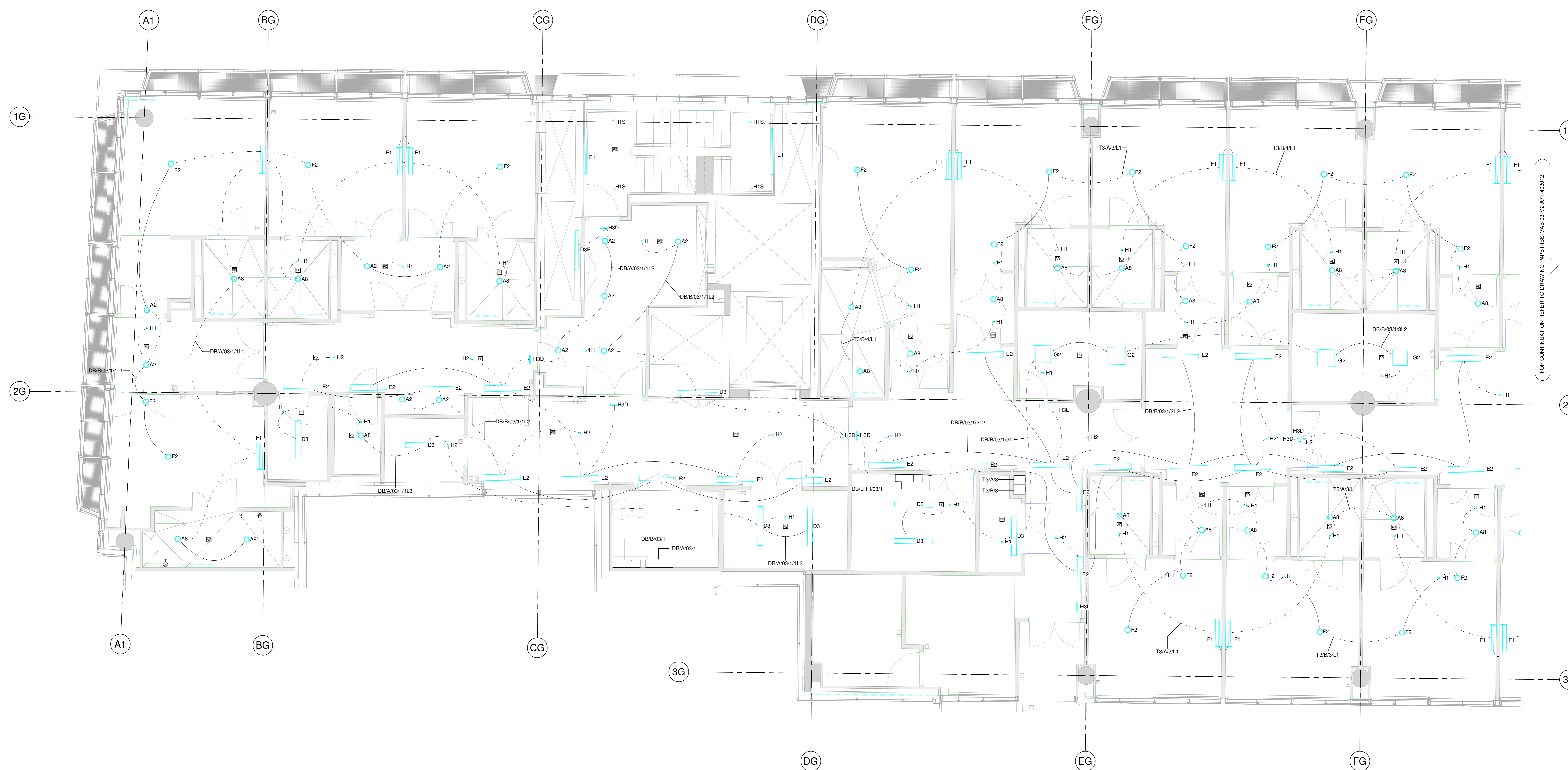
- LUMNAIRES SWITCHES**
- LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH
 - - - LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH
 - LIGHT SWITCH
 - CEILING MOUNTED PULL CORD
 - FIXED POSITION DIMMING SWITCH
 - MODULATING DIMMING SWITCH
 - MODULATING DIMMING SWITCH BEDHEAD MOUNTED
 - REMOTE LOCATION 1 LIGHT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



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P09
P4PBT-CRE-SRG-SL-M3-A21-213001		P03
P4PBT-IBS-ALL-SL-M3-A81-500000		P20
P4PBT-IBS-MAB-02-M3-A71-421808		
P4PBT-IBS-MAB-03-M3-A71-421809		
P4PBT-IBS-MAB-05-M3-A71-421811		
P4PBT-IBS-MBG-B1-M3-A71-421805		P02
P4PBT-KYO-AFA-SL-M3-3.01-700010		P03
P4PBT-KYO-AFA-SL-M3-3.01-700020		P06
P4PBT-KYO-AFA-SL-M3-3.01-700030		P05
P4PBT-KYO-AFA-SL-M3-3.01-700040		P02
P4PBT-KYO-AFA-SL-M3-3.01-700050		P06
P4PBT-KYO-AFA-SL-M3-3.01-700100		P03
P4PBT-KYO-AFA-SL-M3-3.01-700200		P05
P4PBT-STW-AAB-SL-M3-A31-100051		P37
P4PBT-STW-AAB-SL-M3-A31-100054		P37
P4PBT-STW-AFA-SL-M3-A31-100060		

- LUMNAIRES TYPES**
- PD PRESENCE DETECTOR
 - AD ABSENCE DETECTOR
 - A2 RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - A4 RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(H)
 - A8 RECESSED LED DOWNLIGHT 183mm(w) x 137mm(H)
 - A9 RECESSED LED DOWNLIGHT 192mm(w) x 99mm(H)
 - A10 RECESSED LED DOWNLIGHT 80mm(w) x 90mm(H)
 - B1 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - B2 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - C1 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - C2 DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
 - D1 LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
 - D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (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)
 - E3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (H)
 - F2 LED CENTRE WARD DOWN LIGHTER FOR CEILING THICKNESSES OF 5-50mm 183mm (W) x 137mm (H)
 - G2 RECESSED MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 133mm(H)
 - G3 RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - G3-E RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
 - H1 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) 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
 - K SLIM LINE RECESSED LINEAR LED
 - EXAM LIGHT
 - SIGNAL LAMP
 - PSU POWER SUPPLY UNIT
 - CCTV VAR SICTV SYSTEMS
 - MOTION VIEW CAMERA
 - CCTV CAMERA
 - MICROPHONE
 - SPEAKER
 - DATA DEVICES
 - WAP WIRELESS ACCESS POINT
 - ACS ACCESS CONTROL
 - NC NURSE CALL LAMP
 - PC PULL CORD



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-03-M3-A71-403012

REVISION	DATE	DESCRIPTION	BY	CHK	APP
A	2019.03.01	4B-S3 - FOR REVIEW & COMMENT	IBS		

Main Contractor: Bouygues UK
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University College London Hospitals **NHS**
 NHS Foundation Trust

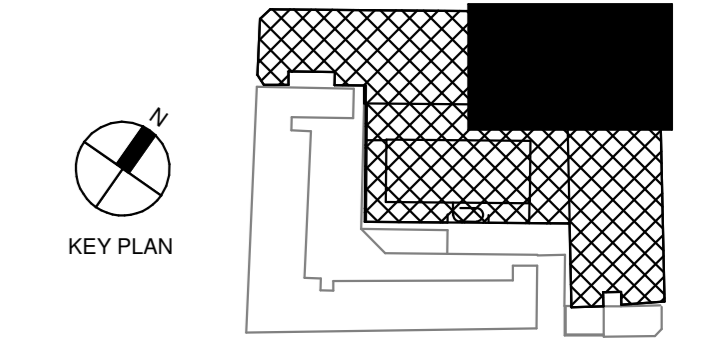
ORIGINATOR: **IBSECAD**

DRAWING TITLE: **PROTON BEAM THERAPY - PHASE 4**
THIRD FLOOR LIGHTING LAYOUT SHEET 1

SCALE	1 : 50	BM FILE NAME	REVISION
FIRST ISSUE DATE	2019.03.01	PROPOSED STATUS	4B - S3 FOR REVIEW & COMMENT
PROJECT NUMBER	P4PBT	AREA	MAB
LEVEL	03	TRADE	A71
SEQUENCE	403011	REVISION	A

ALL LEVELS TAKEN FROM LEVEL 3 SSL - 40880

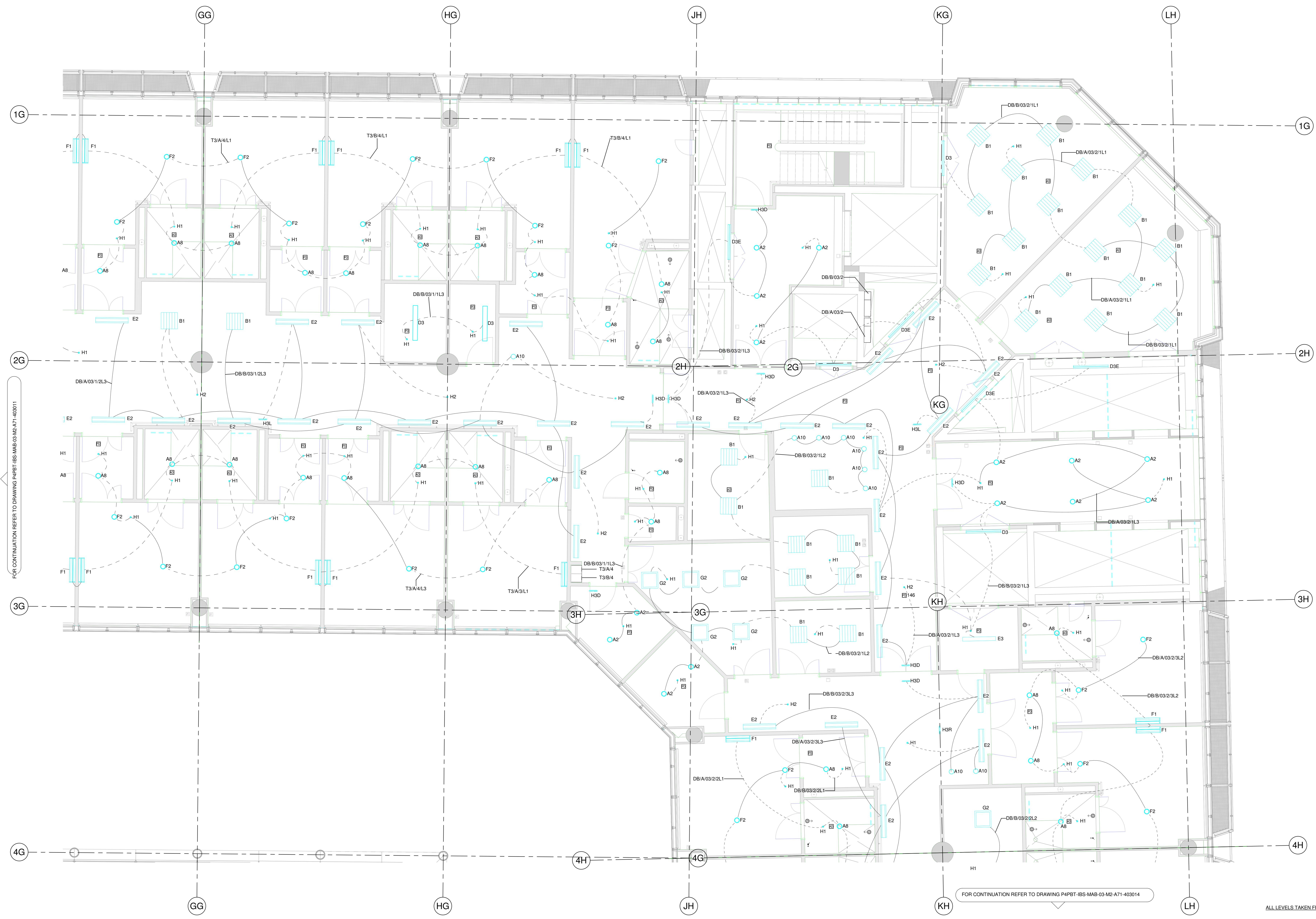
- LUMINAIRES SWITCHES**
- LIGHTING ON THE SAME CIRCUIT BUT DIFFERENT SWITCH
 - LIGHTING ON THE SAME CIRCUIT AND SAME SWITCH
 - LIGHT SWITCH
 - CEILING MOUNTED PULL CORD
 - FIXED POSITION DIMMING SWITCH
 - MODULATING DIMMING SWITCH
 - MODULATING DIMMING SWITCH BEDHEAD MOUNTED
 - REMOTE LOCATION 1 LIGHT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



LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P09
P4PBT-CRE-SRG-SL-M3-A31-213001		P03
P4PBT-IBS-ALL-SL-M3-A81-500000		P20
P4PBT-IBS-MAB-02-M3-A71-421808		
P4PBT-IBS-MAB-03-M3-A71-421809		
P4PBT-IBS-MAB-05-M3-A71-421811		
P4PBT-IBS-MBG-B1-M3-A71-421805		P02
P4PBT-KYO-AFA-SL-M3-3.01-700010		P03
P4PBT-KYO-AFA-SL-M3-3.01-700020		P06
P4PBT-KYO-AFA-SL-M3-3.01-700030		P05
P4PBT-KYO-AFA-SL-M3-3.01-700040		P02
P4PBT-KYO-AFA-SL-M3-3.01-700050		P06
P4PBT-KYO-AFA-SL-M3-3.01-700100		P03
P4PBT-KYO-AFA-SL-M3-3.01-700200		P05
P4PBT-STW-AAB-SL-M3-A31-100051		P37
P4PBT-STW-AAB-SL-M3-A31-100054		P37
P4PBT-STW-AFA-SL-M3-A31-100060		P37

- LUMINAIRES TYPES**
- PD PRESENCE DETECTOR
 - AD ABSENCE DETECTOR
 - A2 RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - A4 RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100mm(H)
 - A8 RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
 - A9 RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
 - A10 RECESSED LED DOWNLIGHT 80mm(W) x 90mm(H)
 - B1 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - B2 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 96mm
 - C1 DIRECT/INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x 66mm
 - C2 DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 598mm x 598mm x 137mm
 - D1 LINEAR ANTI-CORROSIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
 - D1E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (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)
 - E3 SURFACE MOUNTED IP40 LED LUMINAIRE 1207mm(L) x 145mm(W) x 73mm (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 x 133mm(H)
 - G3 RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE 599mm x 599mm x 145mm(H)
 - G3-E RECESSED NON-MODULAR LED CLEAN ROOM LUMINAIRE WITH INTEGRAL 3 HOUR BATTERY 599mm x 599mm x 145mm(H)
 - H1 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) 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
 - K SLIM-LINE RECESSED LINEAR LED
 - EXAM LIGHT
 - SL SIGNAL LAMP
 - PSU POWER SUPPLY UNIT
 - CCTV VAR CCTV SYSTEMS
 - CCTV MOTION VIEW CAMERA
 - CCTV CCTV CAMERA
 - MIC MICROPHONE
 - SPK SPEAKER
 - DATA DEVICES
 - WAP WIRELESS ACCESS POINT
 - ACS ACCESS CONTROL
 - NC NURSE CALL LAMP
 - NURSE CALL PULL CORD
 - PC PULL CORD



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-03-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-03-M2-A71-403014

ALL LEVELS TAKEN FROM LEVEL 3 SSL - 40990

REVISION	DATE	DESCRIPTION	DRW	CHK	APP
A	2019.03.01	4B-S3- FOR REVIEW & COMMENT	IBS		

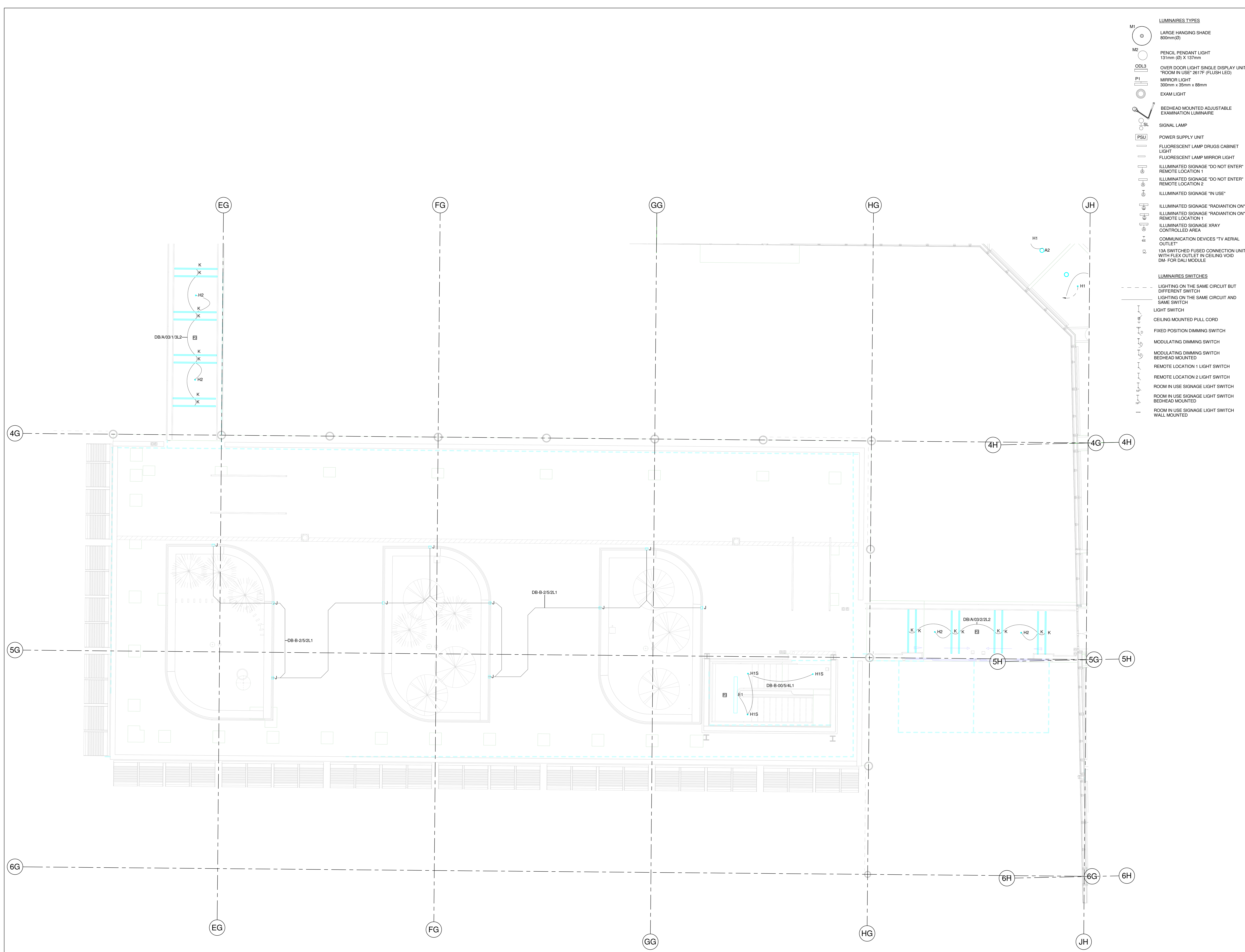
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University College London Hospitals
 NHS Foundation Trust

ORIGINATOR

DRAWING TITLE
PROTON BEAM THERAPY - PHASE 4
THIRD FLOOR LIGHTING LAYOUT SHEET 2

SCALE @A3	1 : 50	BM FILE NAME	REVISION
FIRST ISSUE DATE	2019.03.01	PROPOSED STATUS	4B - S3 FOR REVIEW & COMMENT
PROJECT	IBS	AREA	MAB
LEVEL	03	TRACE	A71
REVISION	403012		A



- LUMINAIRES TYPES**
- M1 LARGE HANGING SHADE 800mm(Ø)
 - M2 PENCIL PENDANT LIGHT 133mm (Ø) x 137mm
 - ODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT ROOM IN USE 2817F (FLUSH LED)
 - P1 MIRROR LIGHT 300mm x 35mm x 88mm
 - EXAM LIGHT
 - SL BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
 - PSU SIGNAL LAMP
 - PSU 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 "RADIATION ON" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 2
 - 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

KEY PLAN

LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A21-213002		P10
P4PBT-IBS-MAB-03-M3-A71-421809		P08
P4PBT-IBS-MAB-03-M3-A71-421809		P11
P4PBT-KYO-AFA-SL-M3-3.01-700020		P08
P4PBT-KYO-AFA-SL-M3-3.01-700030		P08
P4PBT-STW-AAB-SL-M3-A31-100054		P01
P4PBT-STW-AFA-SL-M3-A31-100060		

LUMINAIRES TYPES

- PD PRESENCE DETECTOR
- AD ABSENCE DETECTOR
- PC PHOTO CELL
- A2 RECESSED LED DOWNLIGHT 150mm(W) x 59mm(H)
- A4 RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100mm(H)
- A8 RECESSED LED DOWNLIGHT 183mm(W) x 137mm(H)
- A9 RECESSED LED DOWNLIGHT 150mm(W) x 59mm(H)
- A10 RECESSED LED DOWNLIGHT 80mm (Ø) x 90mm(H)
- A11 RECESSED LED DOWNLIGHT 90mm (Ø)
- A12 RECESSED LED DOWNLIGHT 90mm (Ø)
- A13 LED Directional Spot Light (Type PT-J) 40mmØ x 60mm
- 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-CORROSIIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
- D1E LINEAR ANTI-CORROSIIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
- D1T5 LINEAR ANTI-CORROSIIVE LUMINAIRE - 1573mm(L) x 145mm(W) x 101 (H)
- D1T5E LINEAR ANTI-CORROSIIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
- D3 LINEAR ANTI-CORROSIIVE LUMINAIRE - 1282mm(L) x 145mm(W) x 101 (H)
- D3E LINEAR ANTI-CORROSIIVE 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)
- 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 599mm x 599mm x145mm(H)
- H1 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) 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)x120mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
- J IP54 WALL RECESSED LED WITH GRILLE 223mm x 88mm x 114mm
- K SLIM-LINE RECESSED LINEAR LED

REVISION	DATE	DESCRIPTION	DRN	CHK	APP
A	2019.07.29	4B-S3- FOR REVIEW & COMMENT			IBS

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ORIGINATOR
IBSECAD

DRAWING TITLE
**PROTON BEAM THERAPY - PHASE 4
 THIRD FLOOR LIGHTING LAYOUT SHEET 3**

SCALE @A0	BM FILE NAME - REVISION
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400001

FIRST ISSUE DATE	PROPOSED STATUS
2019.07.29	4B - S3 FOR REVIEW & COMMENT

PROJECT	ISSUED	AREA	LEVEL	TYPE	TRACE	SEQUENCE	REVISION
P4PBT	IBS	MAB	03	M2	A71	403013	A

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