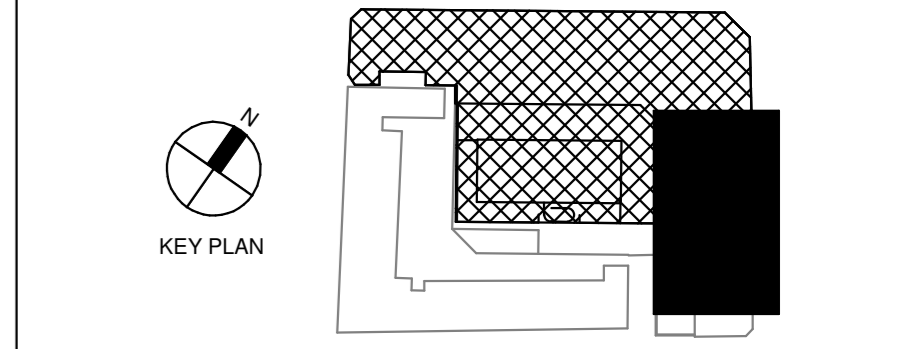




- LUMINAIRES TYPES**
- M1 LARGE HANGING SHADE 800mm(D)
 - M2 PENCIL PENDANT LIGHT 131mm (Ø) X 137mm
 - ODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
 - F1 MIRROR LIGHT 300mm x 35mm x 88mm
 - EXAM LIGHT
 - SL BEDHEAD MOUNTED ADJUSTABLE EXAMINATION LUMINAIRE
 - PSU SIGNAL LAMP
 - 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 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**
- DIFFERENT SWITCH
 - LIGHTING ON THE SAME CIRCUIT BUT SAME 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 WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (H)
 - 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-M2-A2-213002	PH0
P4PBT-IBS-MAB-03-M2-A71-421809	PH8
P4PBT-IBS-MAB-03-M2-A71-421809	PH1
P4PBT-KYO-AFA-SL-M3-3.01-700020	PH8
P4PBT-KYO-AFA-SL-M3-3.01-700030	PH8
P4PBT-STW-AAB-SL-M3-3.01-100054	PH1
P4PBT-STW-AFA-SL-M3-A31-100060	PH1

- LUMINAIRES TYPES**
- PHC PRESENCE DETECTOR
 - AD ABSENCE DETECTOR
 - A2 PHOTO CELL
 - A4 RECESSED LED DOWNLIGHT 192mm(W) 99mm(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)
 - A13 (T) LED Directional Spot Light (Type PT-J) 49mmØ X 80mm
 - A14 RECESSED LED DOWNLIGHT 90mm (Ø)
 - A15 TV DOWNLIGHT
 - B1 DIRECT/INDIRECT LED 600S0 MODULE LUMINAIRE 599mm x 599mm x 96mm
 - B2 DIRECT/INDIRECT LED 600S0 MODULE LUMINAIRE 599mm x 599mm x 96mm
 - C1 DIRECT/INDIRECT LED 600S0 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 - 1282mm(L) x 145mm(W) x 101 (H)
 - D1E LINEAR ANTI-CORROSION LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1275mm(L) x 170mm(W) x 103 (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 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)
 - 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
 - M1 LARGE HANGING SHADE 800mm(Ø)
 - M2 PENCIL PENDANT LIGHT 131mm (Ø) X 137mm
 - EXAM LIGHT
 - SL SIGNAL LAMP
 - PSU POWER SUPPLY UNIT

REVISION	DATE	DESCRIPTION	DRW	CHK	APP
B	2019.07.29	4B S3 - FOR REVIEW & COMMENT	IBS		
A	2019.03.01	4B S3 - 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**
 NHS Foundation Trust

ORIGINATOR **IBSECAD**

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

SCALE @A0	BM FILE NAME	REVISION
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-400001	
FIRST ISSUE DATE	PROPOSED STATUS	
2019.03.01	4B - S3 FOR REVIEW & COMMENT	
PROJECT NUMBER	AREA	TYPE
P4PBT	IBS	MAB
LEVEL	TRACK	SEQUENCE
03	M2	A71
DATE	REVISION	
403014	B	

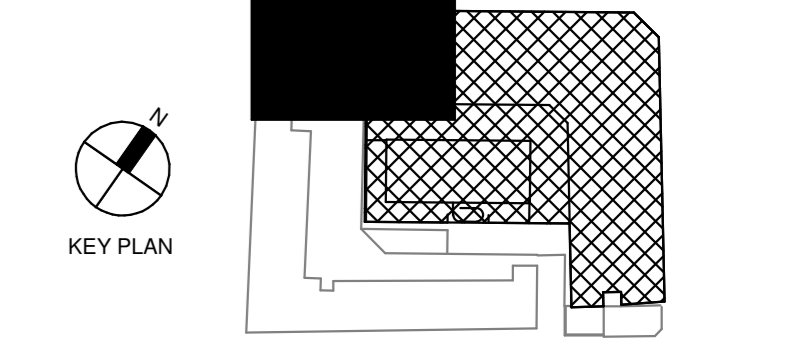
ALL LEVELS TAKEN FROM LEVEL 3 SSL - 40690

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 (HBN)
- CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RSOS
- 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 SCHEMATIC 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

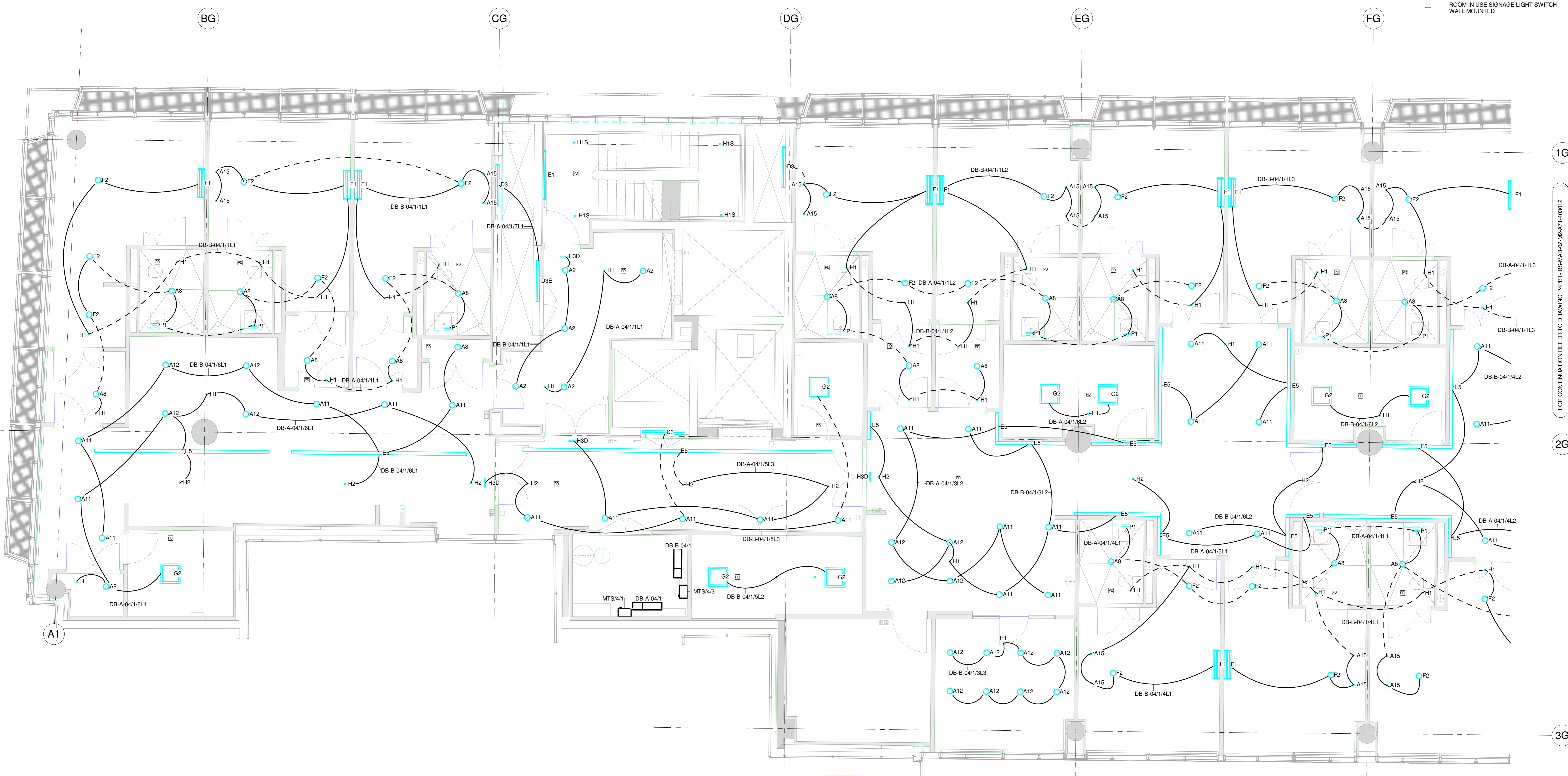
LUMINAIRE TYPES

- 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
- 15A 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	RVT Link: File Name	Model/Revision
P4PBT-CRE-SMB-SL-M3-A21-213002		P09
P4PBT-IBS-MAB-04-M2-A71-403011		P01
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		P08
P4PBT-STW-AAB-SL-M3-A31-100054		P38

LUMINAIRE TYPES	
PD	PRESENCE DETECTOR
AD	ABSENCE DETECTOR
A2	RECESSED LED DOWNLIGHT 150mm(W) x 96mm(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 96mm(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)
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)
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 255mm (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)
EXAM	EXAM LIGHT



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-04-M2-A71-403011

REVISION	DATE	DESCRIPTION	DRN	CHK	APP
A	2019.03.11	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**
NHS Foundation Trust

ORIGINATOR **IBSECAD**

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

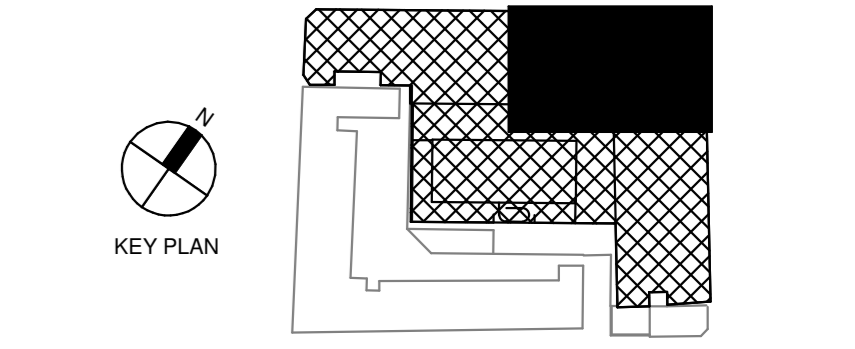
SCALE	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-SCM-A71-400000
PROPOSED STATUS	4B S3 FOR REVIEW & COMMENT	PROJECT NUMBER	P4PBT-IBS-MAB-04-M2-A71-403011
PROJECT ISSUED AREA	M2	TRACER	A71
DATE	11.03.2019	REVISION	A

ALL LEVELS TAKEN FROM LEVEL 4 SSL - 44920

- NOTES:**
- PLEASE REFER TO LIGHTING SCHEDULE P4PBT- HAH-ALL-SL-SCM-A71-00000
 - 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
 - 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
 - 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**
- BED HEAD 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
 - 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

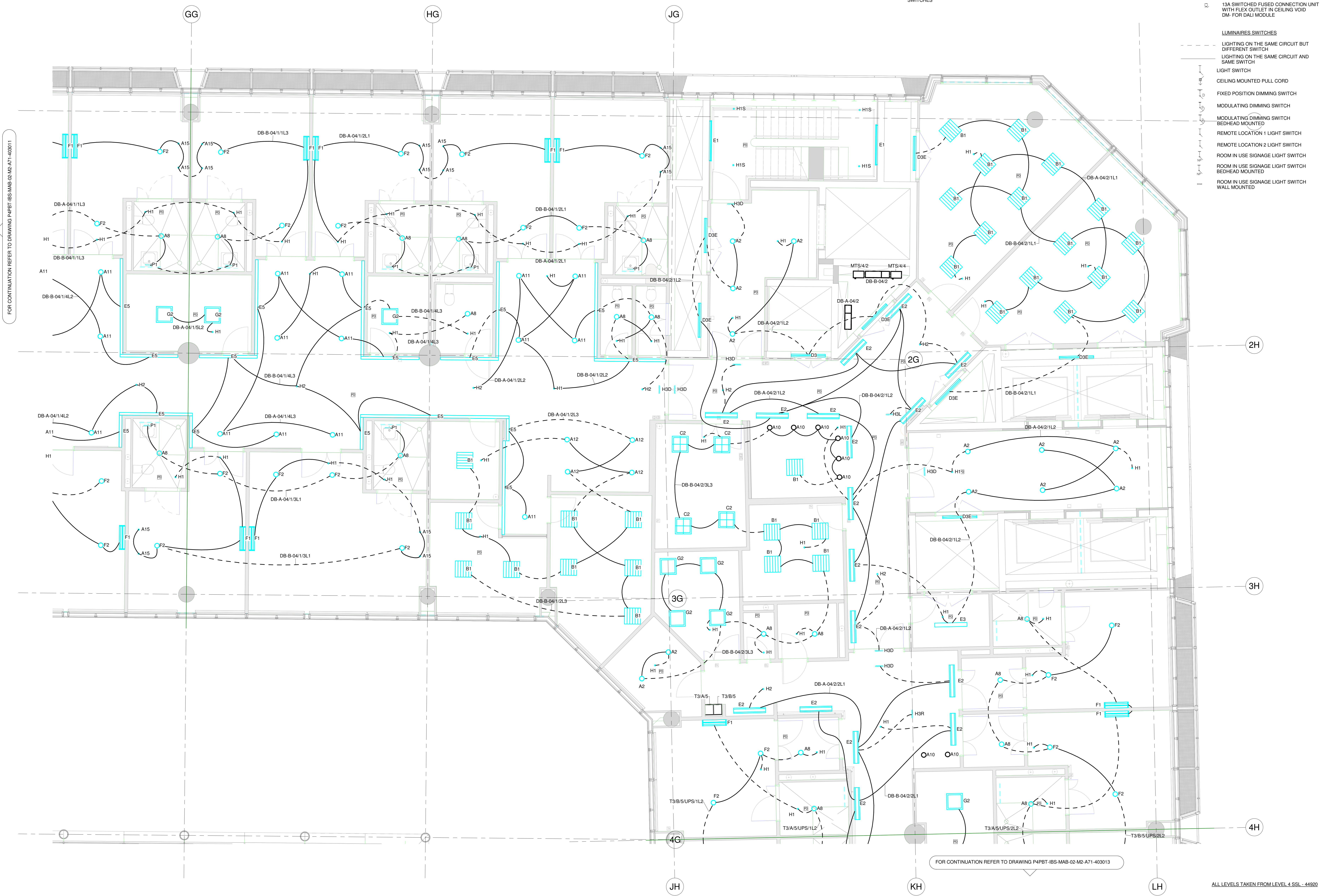


LINKED MODEL SCHEDULE

Item	RVT Link: File Name	Model/Revision
P4PBT-CRE-SMB-SL-M2-A2-213002		P09
P4PBT-IBS-MAB-M2-A71-428110		P02
P4PBT-KYO-AFA-SL-M3-3.01-700010		P04
P4PBT-KYO-AFA-SL-M3-3.01-700020		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		P08
P4PBT-STW-AAB-SL-M3-A31-100054		P38

LUMINAIRE TYPES

AD	PRESENCE DETECTOR
A2	ABSENCE DETECTOR
A4	RECESSED LED DOWNLIGHT 192mm(W) 99mm(H)
A8	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM 90mm DIA x 100mm(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 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 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)
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 50mm DIA x 45mm(H) WIDE BEAM
H2	RECESSED NON-MAINTAINED 3 HOUR EMERGENCY DOWNLIGHT 120mm DIA x 80mm(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" 2617F (FLUSH LED)
EXAM	EXAM LIGHT



FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-400011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-02-M2-A71-400013

ALL LEVELS TAKEN FROM LEVEL 4 SSL - 44920

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

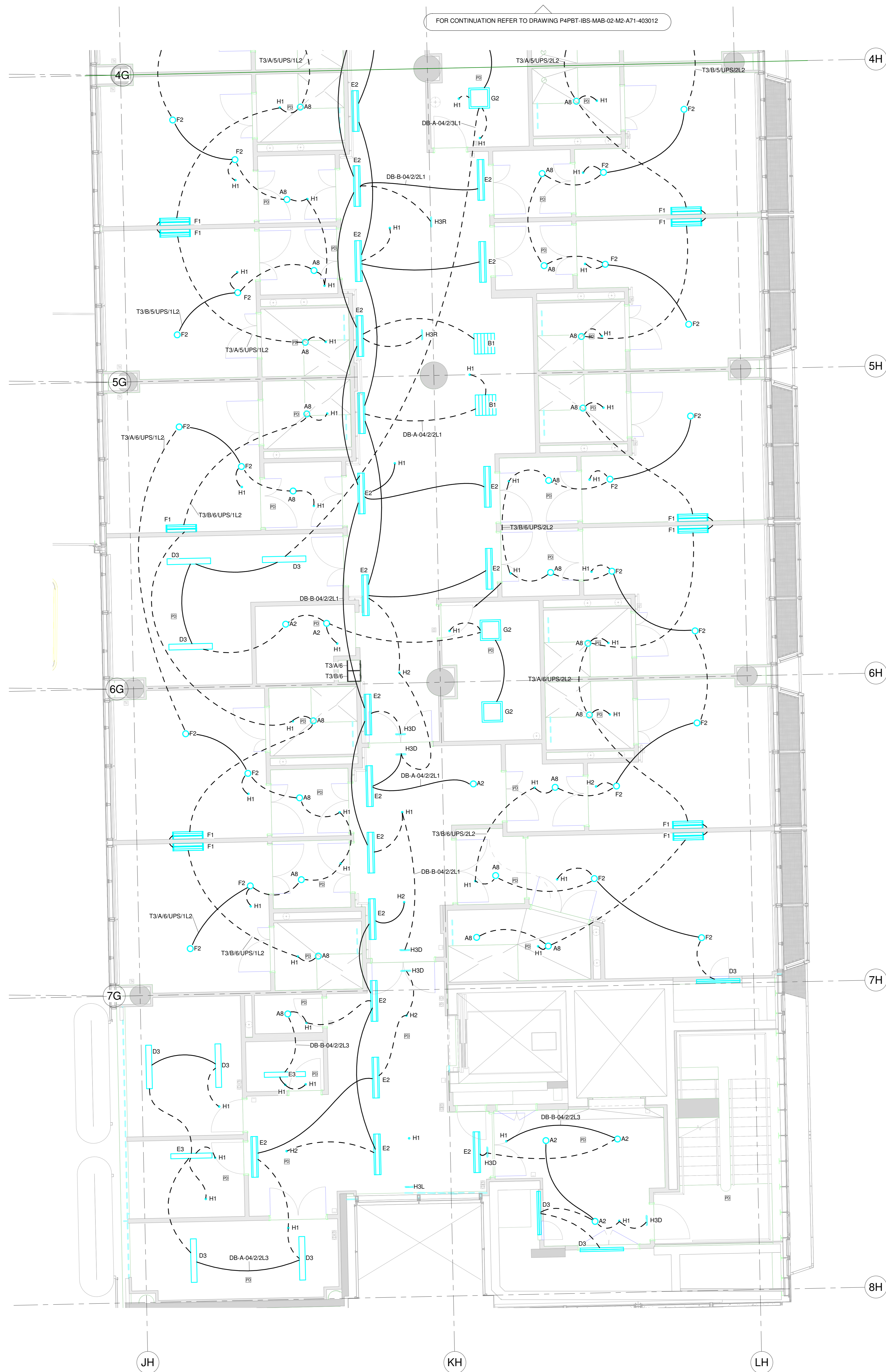
University College London Hospitals
 NHS Foundation Trust

ORIGINATOR

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

SCALE	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000
FIRST ISSUE DATE	11.03.2019	PROPOSED STATUS	4B S3 FOR REVIEW & COMMENT
PROJECT NUMBER	P4PBT	AREA	MAB
LEVEL	04	TYPE	M2
ISSUE NUMBER	04	ISSUE DATE	11.03.2019
ISSUE TYPE	FOR REVIEW & COMMENT	ISSUE BY	IBS

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

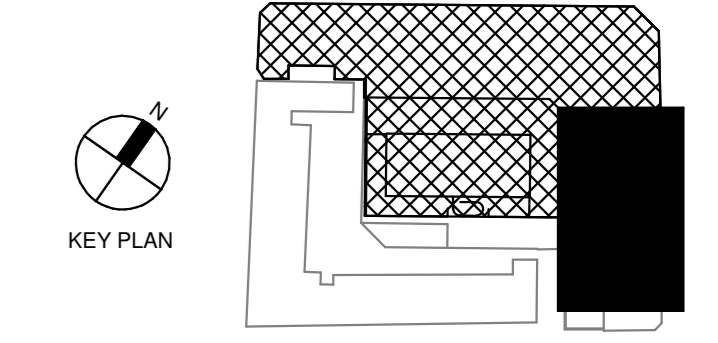


NOTES:

- PLEASE REFER TO LIGHTING SCHEDULE P4PBT-IBS-ALL-SL-CM-A71-403012
- 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 (HBN)
- CONTRACTOR IS TO ENSURE THAT FINAL LOCATION OF ACCESSORIES IS IN ACCORDANCE WITH THE LATEST ARCHITECTURAL C-SHEETS/RDS
- 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 BATTERY INVERTOR UNIT PROVIDING 3-HOUR AUTONOMY LOCATED IN THE EQUIPMENT STORE
- EMERGENCY LUMINAIRES SHALL BE TEST VIA THE ARCHITECTURAL FIRE STRATEGY DRAWINGS FOR EMERGENCY EXIT ROUTES
- 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

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 "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	RVT Link: File Name	Model/Revision
P4PBT-IBS-MAB-02-M2-A71-403012	P4PBT-IBS-MAB-02-M2-A71-403012	P09
P4PBT-KYO-AFA-SL-M3-3.01-700010	P4PBT-KYO-AFA-SL-M3-3.01-700010	P02
P4PBT-KYO-AFA-SL-M3-3.01-700020	P4PBT-KYO-AFA-SL-M3-3.01-700020	P04
P4PBT-KYO-AFA-SL-M3-3.01-700030	P4PBT-KYO-AFA-SL-M3-3.01-700030	P03
P4PBT-KYO-AFA-SL-M3-3.01-700040	P4PBT-KYO-AFA-SL-M3-3.01-700040	P01
P4PBT-KYO-AFA-SL-M3-3.01-700050	P4PBT-KYO-AFA-SL-M3-3.01-700050	P05
P4PBT-KYO-AFA-SL-M3-3.01-700100	P4PBT-KYO-AFA-SL-M3-3.01-700100	P01
P4PBT-KYO-AFA-SL-M3-3.01-700200	P4PBT-KYO-AFA-SL-M3-3.01-700200	P04
P4PBT-STW-AB-SL-M3-A31-100051	P4PBT-STW-AB-SL-M3-A31-100051	P38
P4PBT-STW-AB-SL-M3-A31-100054	P4PBT-STW-AB-SL-M3-A31-100054	P38

PD	LUMINAIRES TYPES
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 80mm (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 26mm
C2	DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 288mm x 288mm 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 - 1282mm(L) x 145mm(W) x 101 (H)
D3	LINEAR ANTI-CORROSIVE LUMINAIRE - 1275mm(L) x 170mm(W) x 103 (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)
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)
G3E	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" 2617F (FLUSH LED)
	EXAM LIGHT

REVISION	DATE	DESCRIPTION	DRN	CHK	APP
A	2019.03.11	4B S3 - FOR REVIEW & COMMENT	IBS		

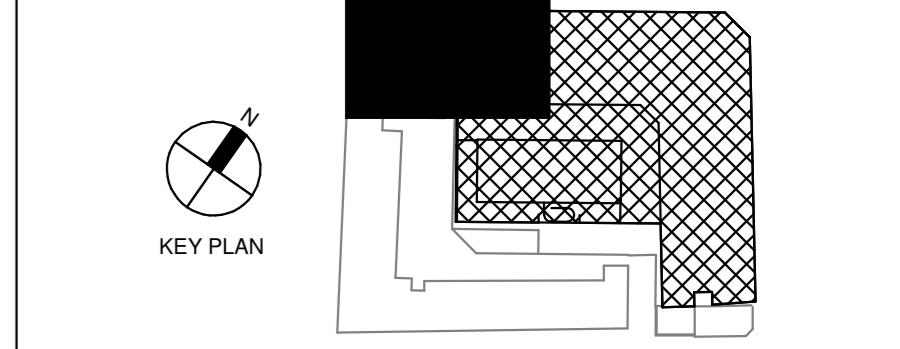
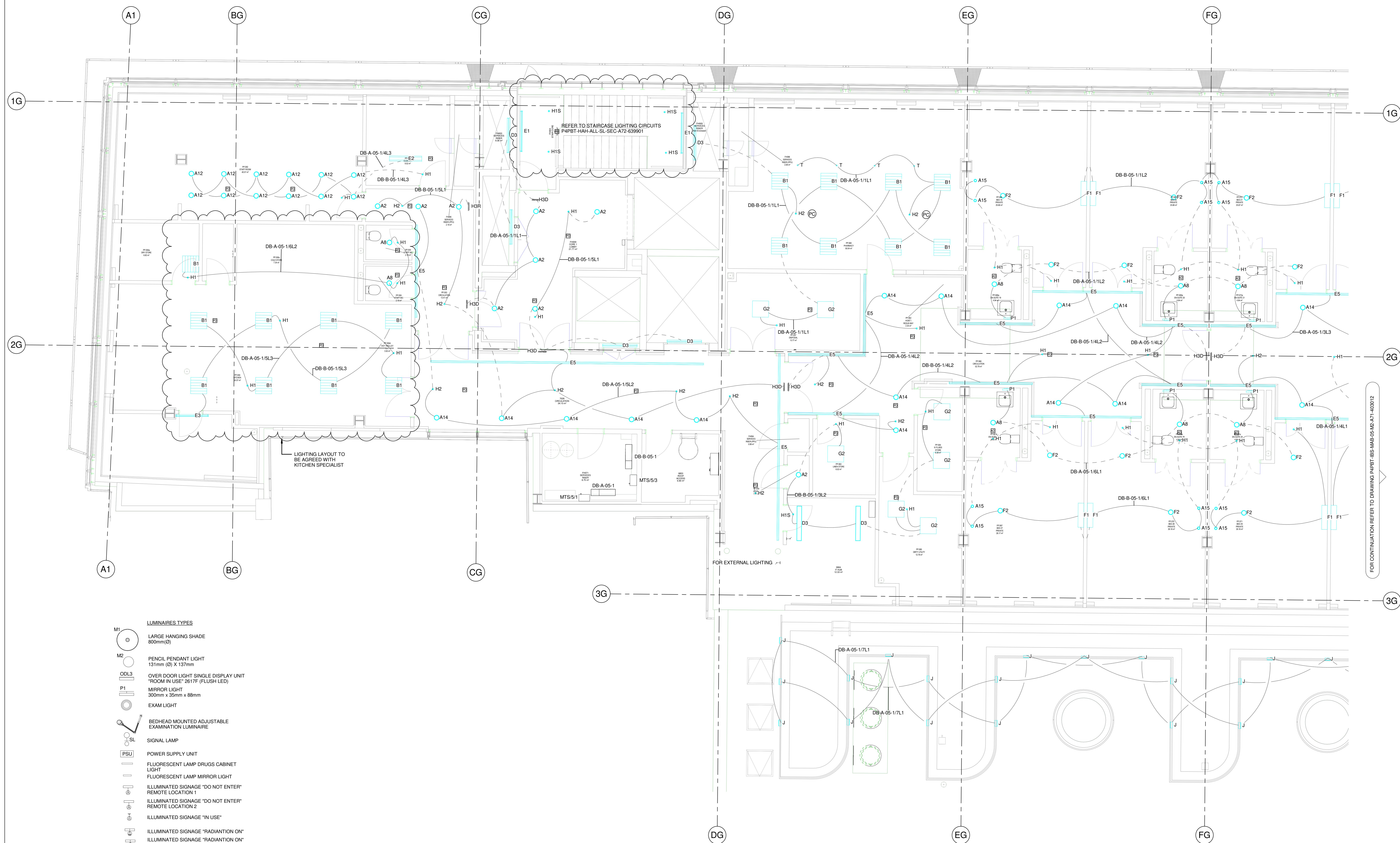
Main Contractor: Bouygues UK
 Bouquet House
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020



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

SCALE	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-ALL-SL-CM-A71-400000
DATE	11.03.2019	PROPOSED STATUS	4B S3 FOR REVIEW & COMMENT
PROJECT	IBS	AREA	MAB
LEVEL	04	TYPE	M2
TRACK	A71	SEQUENCE	403013
REVISION			A

ALL LEVELS TAKEN FROM LEVEL 4 SSL - 44920



LINKED MODEL SCHEDULE	RVT Link: File Name	Model/Revision
P4PBT-CRE-SAB-SL-M3-A2	21-10022	P10
P4PBT-IBS-MAB-04-M3-A71-421818		P08
P4PBT-IBS-MAB-04-M3-A71-421810		P08
P4PBT-IBS-MAB-05-M3-A71-421811		P11
P4PBT-KYO-AFA-SL-M3-3-01-70020		P08
P4PBT-KYO-AFA-SL-M3-3-01-70020		P08
P4PBT-STW-AAB-SL-M3-A31-100054		PE3
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 95mm(H)
 - A4 RECESSED HIGH OUTPUT LED DOWNLIGHT FOR MRI ROOM- 90mm DIA x 100mm(H)
 - A8 RECESSED LED DOWNLIGHT 150mm(W) x 137mm(H)
 - A9 RECESSED LED DOWNLIGHT 150mm(W) x 95mm(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) 49mmØ X 90mm
 - 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 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 - 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)
 - 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) 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 EMERGENCY DOWNLIGHT 50mm DIA x 45mm(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 365mm (L) x 150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
 - J IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
 - K SLIM-LINE RECESSED LINEAR LED

- LUMINAIRES TYPES**
- M1 LARGE HANGING SHADE 300mm(Ø)
 - M2 PENCIL PENDANT LIGHT 131mm (Ø) X 137mm
 - ODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617' (FLUSH LED)
 - P1 MIRROR LIGHT 300mm x 35mm x 88mm
 - EXAM LIGHT
 - BDH 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 "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 BEDHEAD MOUNTED
 - ROOM IN USE SIGNAGE LIGHT SWITCH WALL MOUNTED

GENERAL UPDATE

REVISION	DATE	DESCRIPTION	ISSUED BY	CHECKED BY	APP'D BY
C	2019.08.09	4C S4 - ISSUE FOR STAGE APPROVAL	IBS		
B	2019.03.29	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019.03.13	4B S3 - FOR REVIEW & COMMENT	IBS		

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

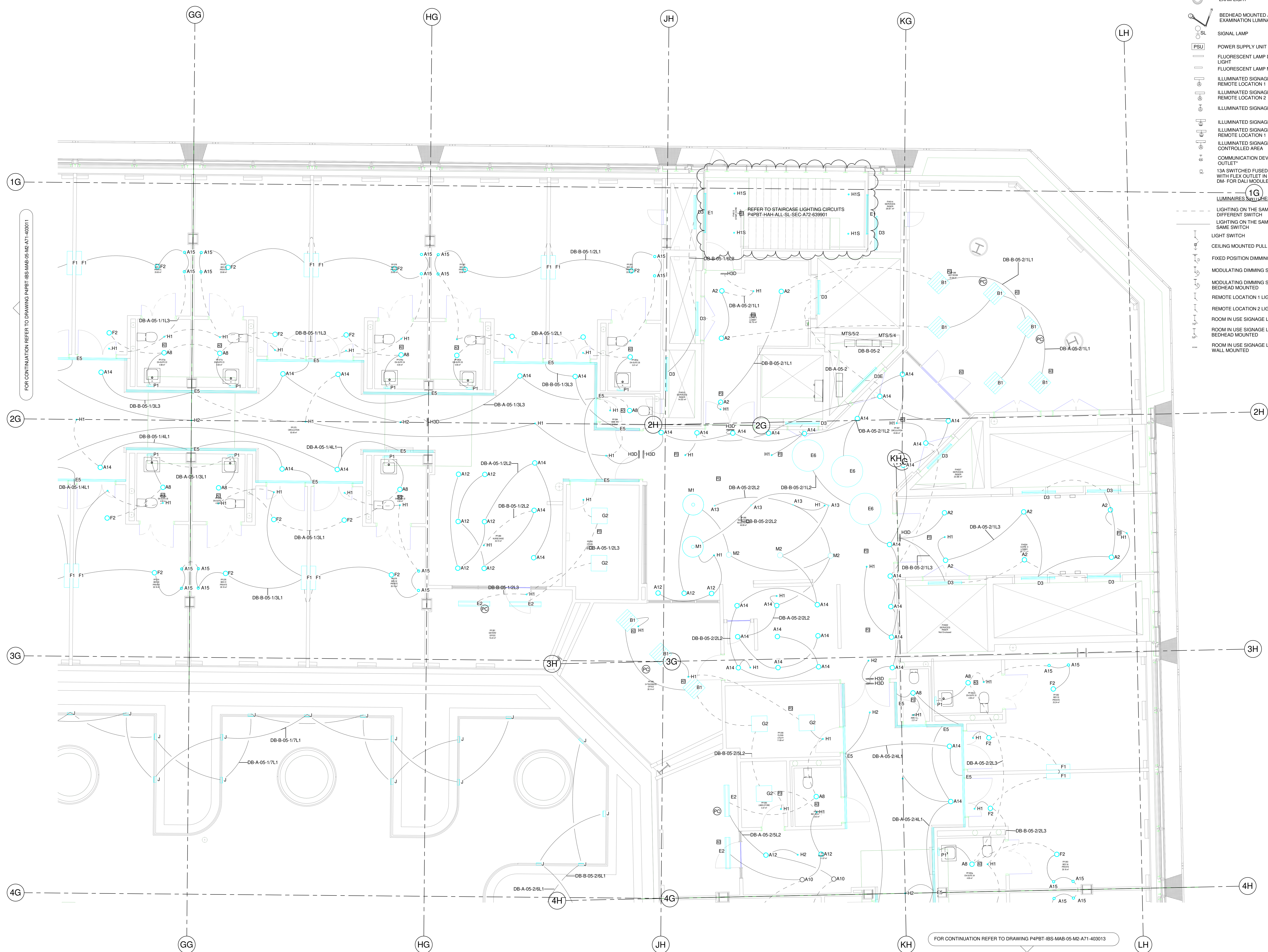
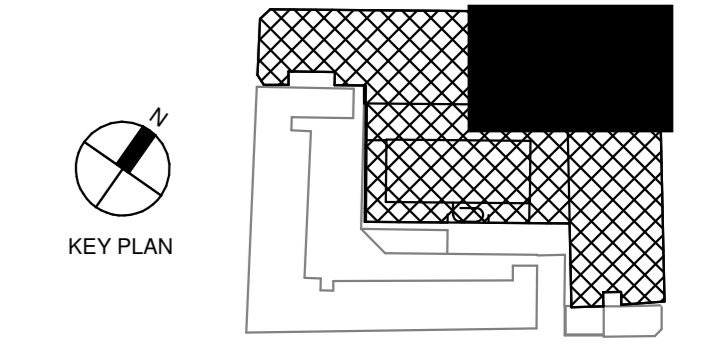
University College London Hospitals NHS Foundation Trust

ORIGINATOR

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

SCALE	1 : 50	BM FILE NAME	REVISION
		P4PBT-IBS-ALL-SL-CM-A71-400001	
FIRST ISSUE DATE	13.03.2019	PROPOSED STATUS	4C S4 - FOR STAGE APPROVAL
PROJECT ISSUES	MAB	LEVEL	A71
P4PBT	IBS	MAB	05
		M2	A71
		403011	C

GENERAL UPDATE



- LUMINAIRES TYPES**
- M1 LARGE HANGING SHADE 800mm(D)
 - M2 PENCIL PENDANT LIGHT 131mm (Ø) X 137mm
 - OODL3 OVER DOOR LIGHT SINGLE DISPLAY UNIT "ROOM IN USE" 2617F (FLUSH LED)
 - P1 MIRROR LIGHT 300mm x 35mm x 88mm
 - EXAM LIGHT
 - 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" 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 SYMBOLS**
- 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	RVT Link	File Name
P4PBT-CRE-SAB-SL-M3-A2-213002	P10		
P4PBT-IBS-MAB-05-M2-A71-421810	P08		
P4PBT-IBS-MAB-04-M3-A71-421810	P08		
P4PBT-IBS-MAB-05-M3-A71-421811	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	PE3		
P4PBT-STW-AFA-SL-M3-A31-100060			

- LUMINAIRES TYPES**
- PD PRESENCE DETECTOR
 - AD ABSENCE DETECTOR
 - PC PHOTO CELL
 - 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 (Ø)
 - A11 RECESSED LED DOWNLIGHT 90mm (Ø)
 - A12 RECESSED LED DOWNLIGHT 90mm (Ø)
 - A13 (T) LED Directional Spot Light (Type PT-J) 49mmØ X 80mm
 - 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 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)
 - 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 1195mm(L) x 145mm(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)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
 - J IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
 - K SLIM-LINE RECESSED LINEAR LED

REVISION	DATE	DESCRIPTION	ISSUED BY	CHKD BY	APP'D BY
C	2019.08.09	4C S4 - ISSUE FOR STAGE APPROVAL	IBS		
B	2019.02.29	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019.03.13	4B S3 - FOR REVIEW & COMMENT	IBS		

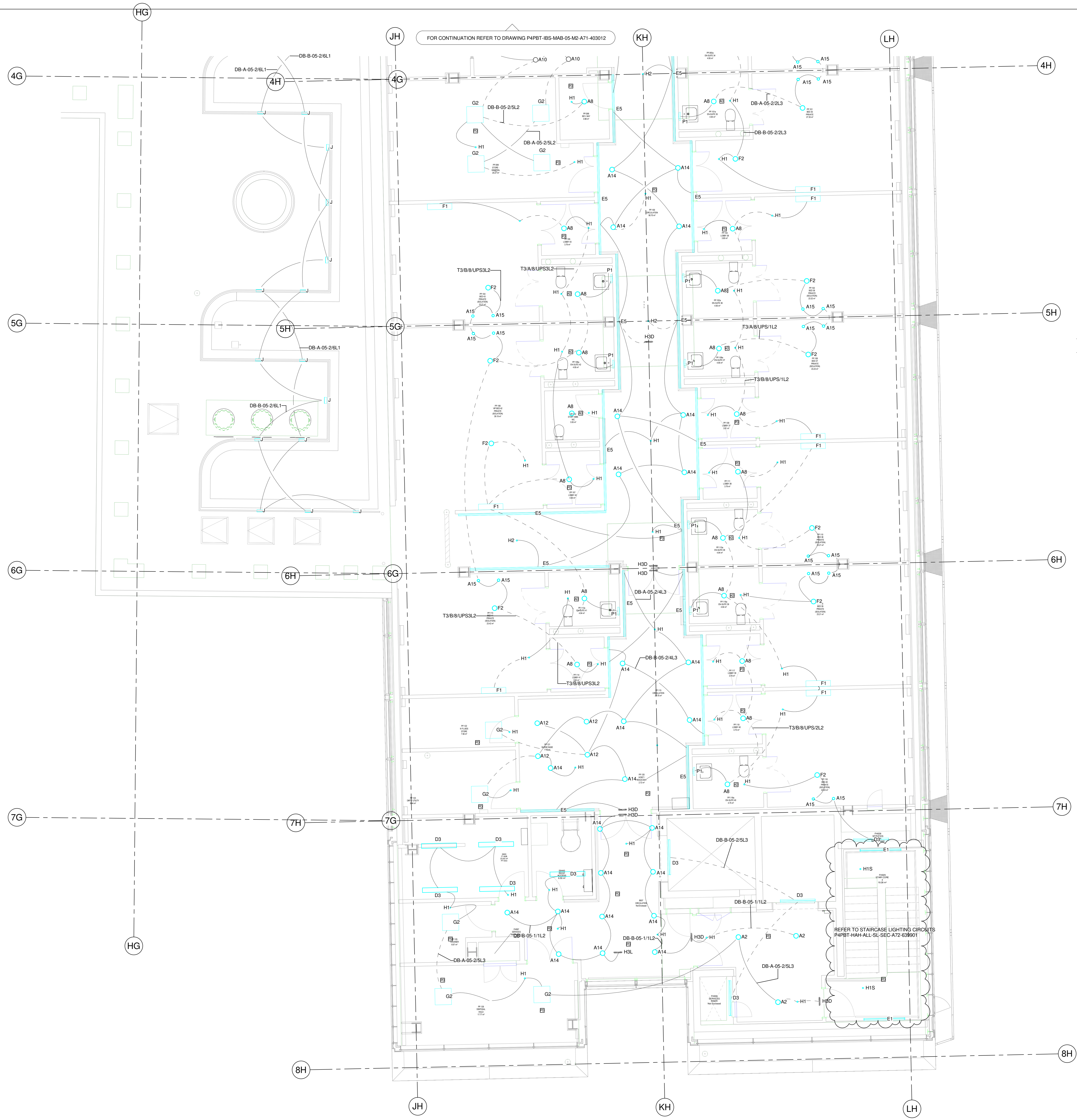
Main Contractor: Bouygues UK
 Becket House
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

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

ORIGINATOR **IBSECAD**

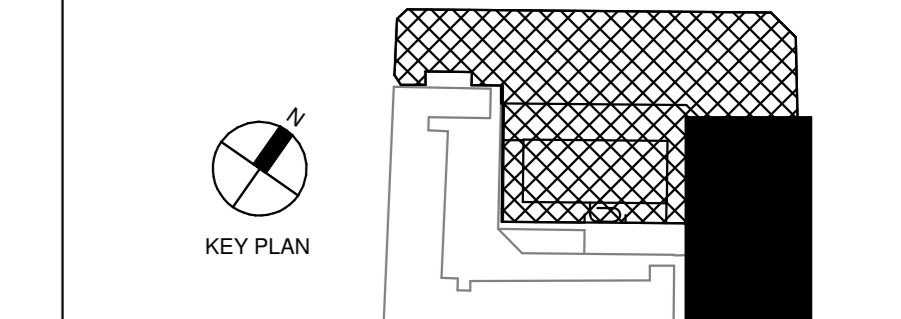
DRAWING TITLE
PROTON BEAM THERAPY - PHASE 4
FIFTH FLOOR LIGHTING LAYOUT SHEET 2

SCALE	BM FILE NAME	REVISION
1 : 50	P4PBT-IBS-ALL-SL-CM-A71-40001	
PROPOSED STATUS	PROPOSED STATUS	
13.03.2019	13.03.2019	
PROJECT ISSUED	PROJECT ISSUED	
P4PBT	IBS	MAB 05 M2 A71 403012 C



- LUMINAIRES TYPES**
- M1 ○ LARGE HANGING SHADE 800mm(Ø)
 - M2 ○ PENCIL PENDANT LIGHT 131mm (Ø) X 137mm
 - OOL3 ○ COVER DOOR LIGHT SINGLE DISPLAY UNIT ROOM IN USE 2617F (FLUSH LED)
 - P1 □ MIRROR LIGHT 300mm x 35mm x 88mm
 - EXAM LIGHT
 - 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"
 - ILLUMINATED SIGNAGE "RADIATION ON" REMOTE LOCATION 1
 - ILLUMINATED SIGNAGE XRAY CONTROLLED AREA
 - COMMUNICATION DEVICES "TV AERIAL OUTLET"
 - 15A 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

GENERAL UPDATE



LINKED MODEL SCHEDULE

Model	Revision	File Name	Revision
P4PBT-CRE-SIB-SL-M3-A2	213002	P4PBT-CRE-SIB-SL-M3-A2	213002
P4PBT-IBS-MAB-05-M2-A71	403012	P4PBT-IBS-MAB-05-M2-A71	403012
P4PBT-IBS-MAB-04-M3-A71	421810	P4PBT-IBS-MAB-04-M3-A71	421810
P4PBT-IBS-MAB-05-M3-A71	421811	P4PBT-IBS-MAB-05-M3-A71	421811
P4PBT-KYO-AFA-SL-M3-3-01	700020	P4PBT-KYO-AFA-SL-M3-3-01	700020
P4PBT-KYO-AFA-SL-M3-01	700020	P4PBT-KYO-AFA-SL-M3-01	700020
P4PBT-STW-AAB-SL-M3-A31	100054	P4PBT-STW-AAB-SL-M3-A31	100054
P4PBT-STW-AFA-SL-M3-A31	100060	P4PBT-STW-AFA-SL-M3-A31	100060

- LUMINAIRES TYPES**
- PD ○ PRESENCE DETECTOR
 - AD ○ ABSENCE DETECTOR
 - PC ○ PHOTO CELL
 - 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)
 - A13 (T) ○ 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 594mm x 594mm x 42mm
 - C1 □ DIRECT/ INDIRECT LED 600SQ MODULE LUMINAIRE 599mm x 599mm x66mm
 - C2 □ DUAL IP RATED MULTI-FUNCTION LUMINAIRE FOR HIGH DEPENDENCY UNITS 588mm 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 - 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)
 - 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 151mm(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
 - J □ IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
 - K □ SLIM-LINE RECESSED LINEAR LED

REVISION	DATE	DESCRIPTION	BY	CHK	APP
D	2019.08.09	4C S4 - ISSUE FOR STAGE APPROVAL	IBS		
C	2019.08.07	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
B	2019.07.29	4B S4 - ISSUE FOR STAGE APPROVAL	IBS		
A	2019.03.13	4B S3 - FOR REVIEW & COMMENT	IBS		

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

ORIGINATOR
IBSECAD
 NHS Foundation Trust

UNIVERSITY COLLEGE LONDON HOSPITALS
NHS

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

SCALE @A3
 1 : 50

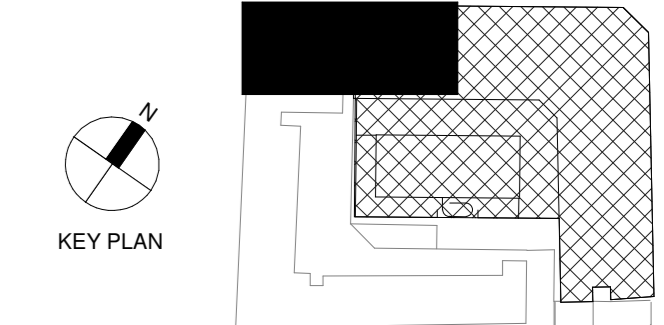
BM FILE NAME: REVISION
 P4PBT-IBS-ALL-SL-CM-A71-400001

FIRST ISSUE DATE
 13.03.2019

PROPOSED STATUS
 4C S4 - FOR STAGE APPROVAL

PROJECT	ISSUES	AREA	LEVEL	TYPE	TRADE	SEQUENCE	REVISION
P4PBT	IBS	MAB	05	M2	A71	403013	D

Sheet Template: B103_Tables_A3_100mm_Rev 01



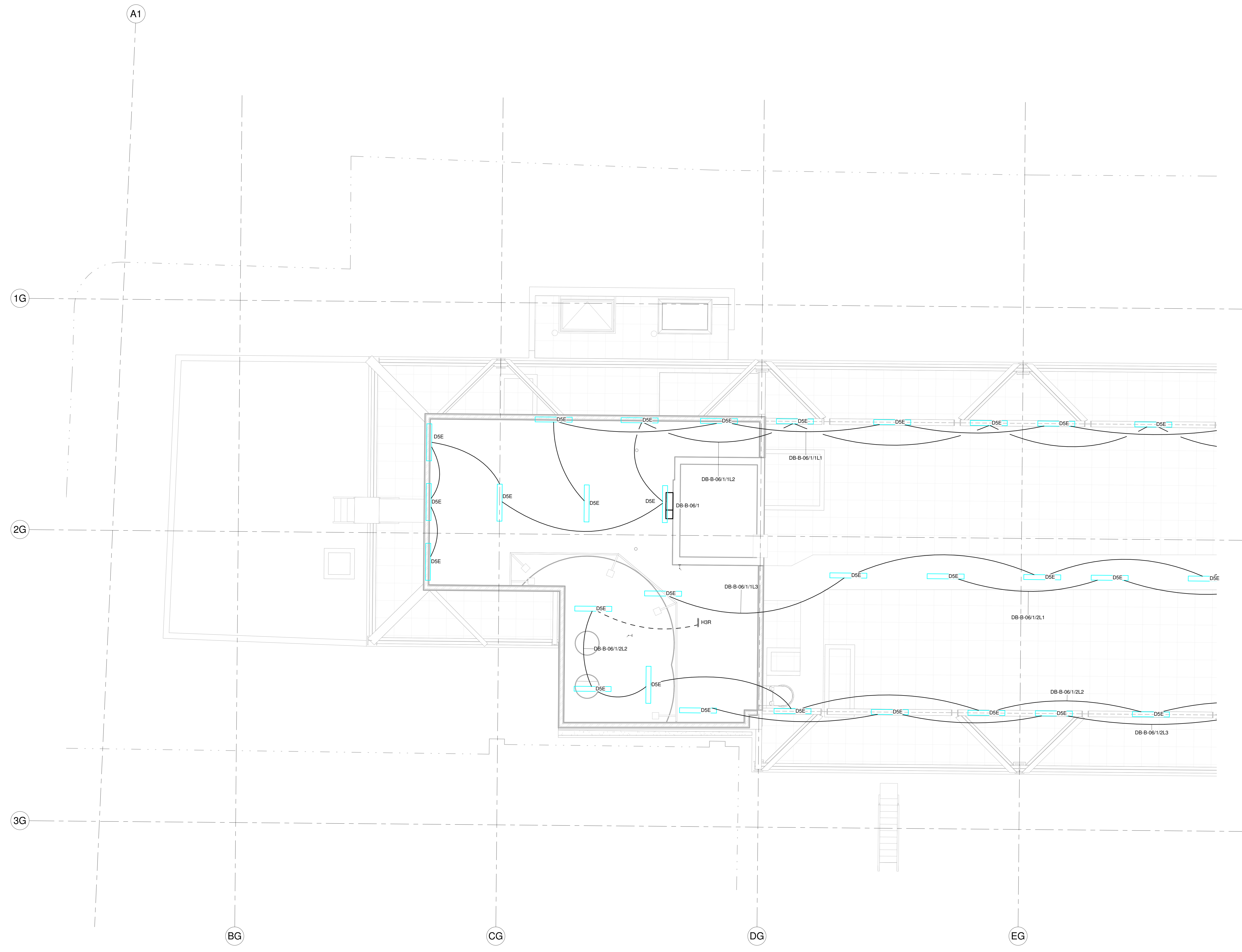
LINKED MODEL SCHEDULE

RVT Link: File Name	RVT Link: Model/Revision
P4PBT-ANE-MAB-06-M3-A71-506001	
P4PBT-CRE-SAB-SL-M3-A21-213002	
P4PBT-CRE-SBG-SL-M3-A21-213001	
P4PBT-IBS-ALL-SL-M3-A81-500000_P 21	
P4PBT-STW-AAB-SL-M3-A31-100054	
P4PBT-STW-AFA-SL-M3-A31-100060	

LUMINAIRES TYPES

PD	PRESENCE DETECTOR
AD	ABSENCE DETECTOR
PC	PHOTO CELL
A2	RECESSED LED DOWNLIGHT 192mm(W) x 99mm(H)
A4	RECESSED HIGH OUTPUT LED DOWNLIGHT FOR RRI 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 60mm (Ø) x 90mm(H)
A11	RECESSED LED DOWNLIGHT 90mm (Ø)
A12	RECESSED LED DOWNLIGHT 90mm (Ø)
A13 (T)	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 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 - 1582mm(L) x 145mm(W) x 101 (H)
D3E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1282mm(L) x 145mm(W) x 101 (H)
D5	LINEAR ANTI-CORROSIVE LUMINAIRE - 1240mm(L) x 115mm(W) x 88 (H)
D5E	LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1240mm(L) x 115mm(W) x 88 (H)
E2	RECESSED LED LINEAR LUMINAIRE 1199mm(L) x 146mm(W) x 67mm (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 x145mm(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 365mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
J	IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
K	SLIM-LINE RECESSED LINEAR LED

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-06-AE-A71-403012



- 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

REVISION	DATE	DESCRIPTION	BY	CHK	APP
A	2019.07.24	4B S3 - FOR REVIEW AND COMMENT	IBS		

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

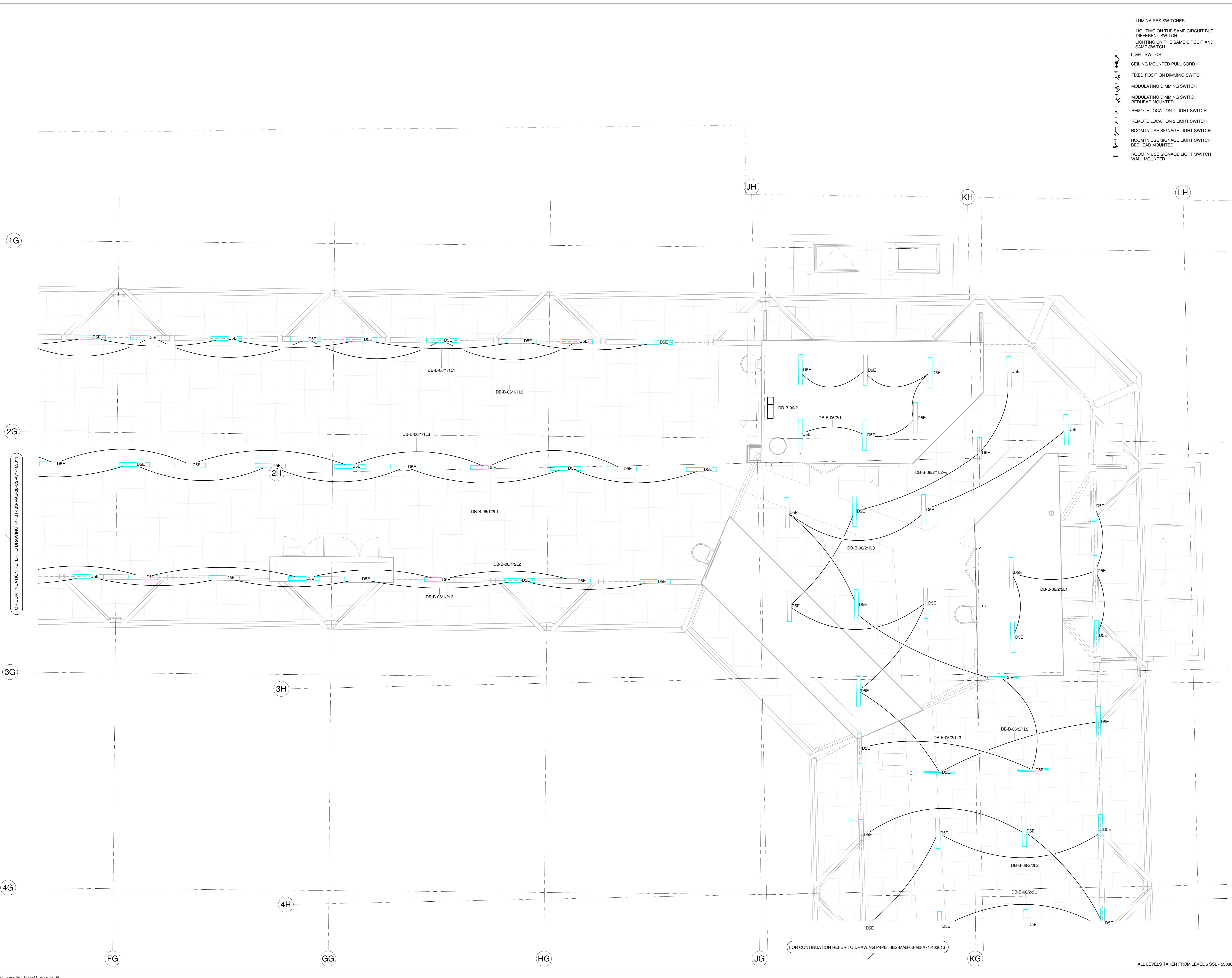
University College London Hospitals NHS Foundation Trust

ORIGINATOR **IBSECAD**

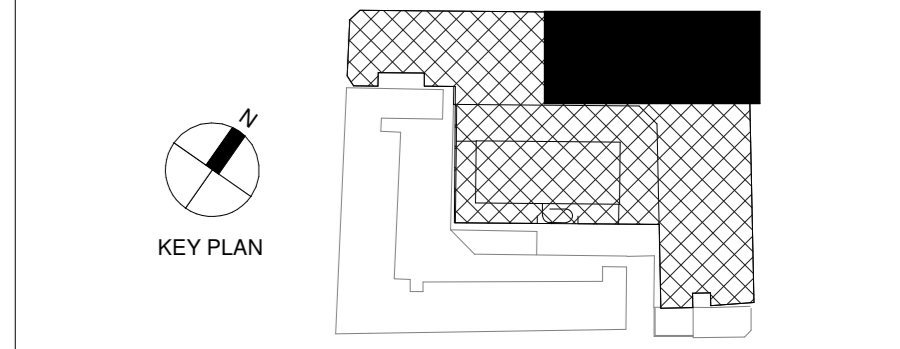
DRAWING TITLE
PROTON BEAM THERAPY - PHASE 4
SIXTH FLOOR LIGHTING LAYOUT SHEET 1

SCALE @A0	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-MAB-06-M3-A71-421812
FIRST ISSUE DATE	07/24/19	PROPOSED STATUS	4B S3 - REVIEW & COMMENT
PROJECT	IBS MAB 06 M2	AREA	A71
SEQUENCE	403011	TRADE	A

ALL LEVELS TAKEN FROM LEVEL 6 SSL - 53080



- 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 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

RVT Link: File Name	RVT Link: ModelRevision
P4PBT-ANE-MAB-06-M3-A71-506001	
P4PBT-CRE-SAB-SL-M3-A21-213002	
P4PBT-CRE-SBG-SL-M3-A21-213001	
P4PBT-IBS-ALL-SL-M3-A81-500000_P 21	
P4PBT-STW-AAB-SL-M3-A31-100054	
P4PBT-STW-AFA-SL-M3-A31-100060	

- LUMINAIRES TYPES**
- PD PRESENCE DETECTOR
 - AD ABSENCE DETECTOR
 - PC PHOTO CELL
 - 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 (D) x 90mm(H)
 - A11 RECESSED LED DOWNLIGHT 90mm (D)
 - A12 RECESSED LED DOWNLIGHT 90mm (D)
 - A13 (T) 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 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 127mm
 - 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 - 1282mm(L) x 145mm(W) x 101 (H)
 - D3 LINEAR ANTI-CORROSIVE LUMINAIRE - 1240mm(L) x 115mm(W) x 88 (H)
 - D3E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1240mm(L) x 115mm(W) x 88 (H)
 - D5 LINEAR ANTI-CORROSIVE LUMINAIRE - 1240mm(L) x 115mm(W) x 88 (H)
 - D5E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1240mm(L) x 115mm(W) x 88 (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) 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 (L,U,D,L,R) CEILING RECESSED 3 HOUR LED EXIT SIGN 355mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
 - J IP44 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
 - K SLIM-LINE RECESSED LINEAR LED

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-06-M2-A71-403011

FOR CONTINUATION REFER TO DRAWING P4PBT-IBS-MAB-06-M2-A71-403013

ALL LEVELS TAKEN FROM LEVEL 6 SSL - 53080

REVISION	DATE	DESCRIPTION	BY	CHK	APP
A	2018.07.24	4B S3 - FOR REVIEW AND COMMENT	IBS		

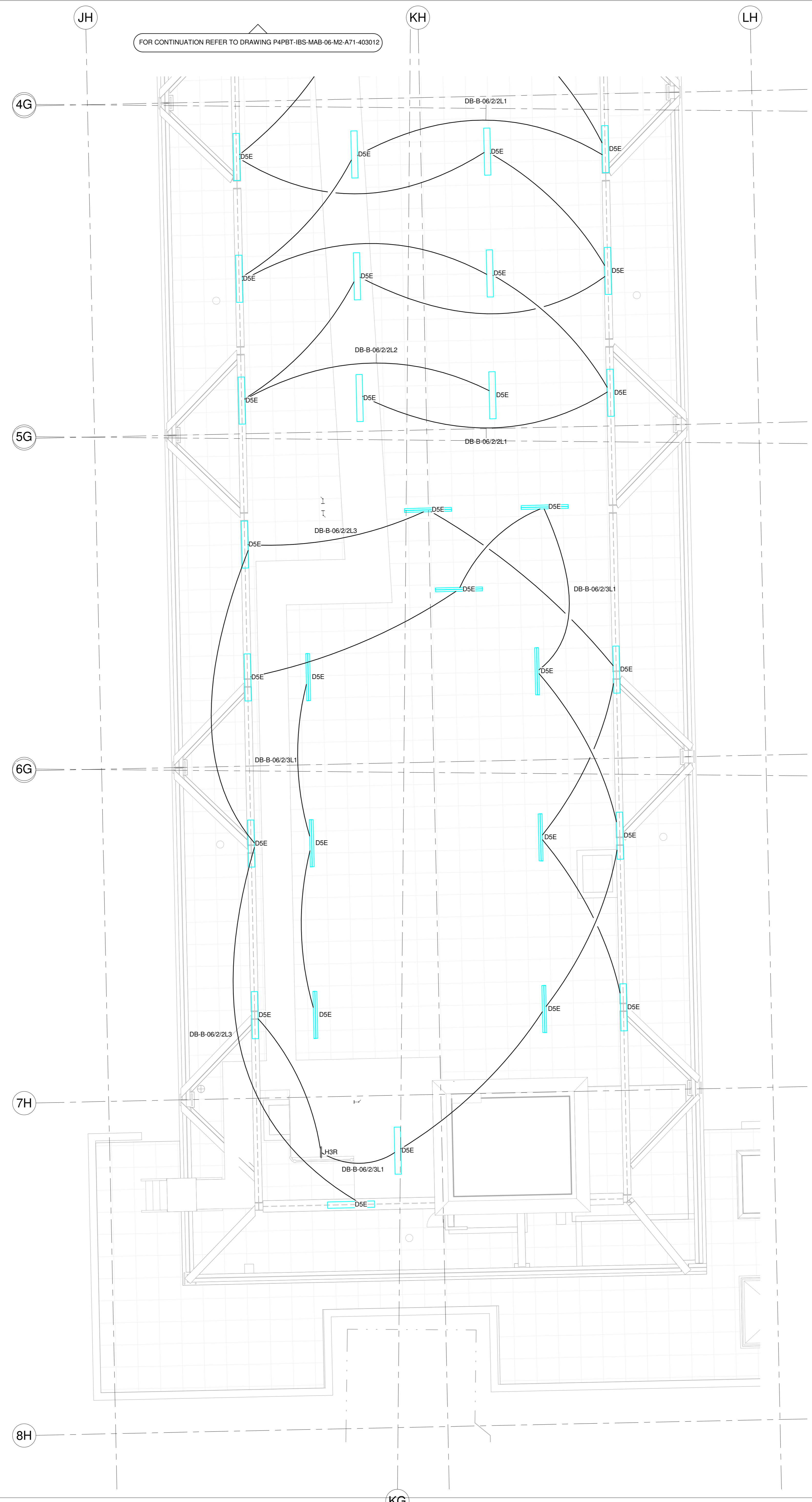
Main Contractor - Boutques UK
 Becket House
 1 Lambeth Palace Rd
 Lambeth, London SE1 7EU
 Tel: 020 7401 0020

University College London Hospitals
 NHS Foundation Trust

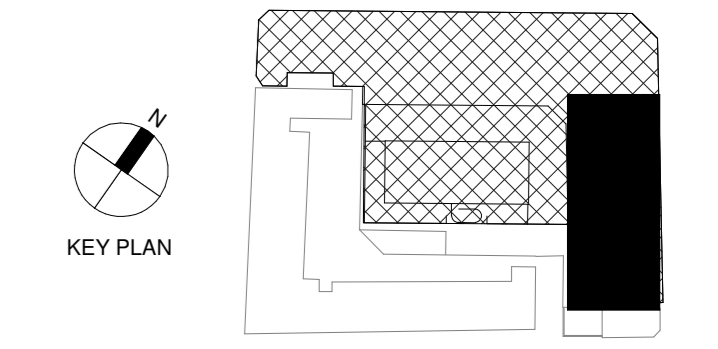
ORIGINATOR

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

SCALE	1 : 50	BM FILE NAME - REVISION	P4PBT-IBS-MAB-06-M3-A71-421812
FIRST ISSUE DATE	07/24/19	PROPOSED STATUS	4B S3 - REVIEW & COMMENT
PROJECT	IBS MAB 06 M2	AREA	A71
SEQUENCE	403012	TRADE	A



- 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

RVT Link: File Name	RVT Link: Model/Revision
P4PBT-ANE-MAB-06-M3-A71-506001	
P4PBT-CRE-SAB-SL-M3-A21-213002	
P4PBT-CRE-SBG-SL-M3-A21-213001	
P4PBT-IBS-ALL-SL-M3-A81-500000_P 21	
P4PBT-STW-AAB-SL-M3-A31-100054	
P4PBT-STW-AFA-SL-M3-A31-100060	

- LUMINAIRES TYPES**
- PD RECESSED LED DETECTOR
 - AD ABSENCE DETECTOR
 - PC PHOTO CELL
 - A2 RECESSED LED DOWNLIGHT 150mm(W) x 50mm(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 50mm(H)
 - A10 RECESSED LED DOWNLIGHT 80mm (D) x 90mm(H)
 - A11 RECESSED LED DOWNLIGHT 90mm (D)
 - A12 RECESSED LED DOWNLIGHT 90mm (D)
 - A13 (T) LED Directional Spot Light (Type PT-J) 48mmD x 90mm
 - 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 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 - 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 - 1282mm(L) x 145mm(W) x 101 (H)
 - D5 LINEAR ANTI-CORROSIVE LUMINAIRE - 1240mm(L) x 115mm(W) x 88 (H)
 - D5E LINEAR ANTI-CORROSIVE LUMINAIRE WITH INTEGRAL BATTERY BACKUP - 1240mm(L) x 115mm(W) x 88 (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 ARTENICE - TAGORA CEILING 1200mm (D)
 - 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 255mm (L)x150mm (H) U = UP, D = DOWN, R = RIGHT, L = LEFT
 - J IP54 WALL RECESSED LED WITH GRILLE 223mm x 89mm x 114mm
 - K SLIM-LINE RECESSED LINEAR LED

NO.	DATE	DESCRIPTION	BY	CHK.	APP.
A	2019.07.24	4B S3 - FOR REVIEW AND COMMENT	IBS		

Main Contractor - Biogen 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
SIXTH FLOOR LIGHTING LAYOUT SHEET 3

SCALE @A0	BM FILE NAME - REVISION					
1 : 50	P4PBT-IBS-MAB-06-M3-A71-421812					
FIRST ISSUE DATE	PROPOSED STATUS					
07/24/19	4B S3 - REVIEW & COMMENT					
PROJECT	ISSUER	AREA	LEVEL	TRADE	SEQUENCE	REVISION
P4PBT	IBS	MAB	06	M2	A71	403013

ALL LEVELS TAKEN FROM LEVEL 6 SSL - S3080