

LEGEND OF SYMBOLS

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|  | DMSM 942 LED PANEL, R - USR-119 - CR-180 |
|  | THORN 9200525 PIRION LED EYE BE LED 155x940 FHXL BK 76°F FITTING IS AN INTEGRATED NON - MAINTAINED EMERGENCY FITTING |
|  | THORN AQUACORP PRO AQPRO S LED 3x30 - 840 PC 148 HFI |
|  | THORN AQUACORP PRO AQPRO S LED 3x30 - 840 PC 148 HFI E3 |
|  | THORN CHALICE PRO CHAL PRO LED 1100x480 BE RMB W6 |
|  | JPM5 THORN PIRION LED/PFE 1H LED 1050 - 940 H/L BK 76°F FITTING IS AN INTEGRATED NON - MAINTAINED EMERGENCY FITTING |
|  | ORLIGHT WALLWASHER 20W |
|  | RAYTEC VAW2-2-1 INFRARED ILLUMINATOR |
|  | THORLU FIBREY AURA EMERGENCY AUTOTEST TTF 17x91 RECESSED NON - MAINTAINED
THORLU FIBREY CORROBOR EMERGENCY AUTOTEST TTF 17x91 RECESSED NON - MAINTAINED
THORLU EMERGENCY DET SIGN NON - MAINTAINED |
|  | THORLU EIGHT - 63 4W NON - MAINTAINED |
|  | ON/OFF SWITCH |
|  | REACTIVE SWITCH FOR CONTROL OF DIMMING |
|  | KEY SWITCH LOCATED BESIDE ELECTRICAL DISTRIBUTION BOARD FOR TESTING EMERGENCY LIGHTING |
|  | TYPE S1 Sensor - PRESENCE DETECTION - DIMMERS - CHUCKER
TYPE S2 Sensor - PRESENCE DETECTION - DIMMERS - CHUCKER |

T01	RIBA - STAGE 4 ISSUE	RM	AF	CS	06 20
P02	RIBA - STAGE 3 ISSUE	RM	CS	CS	06 20
P01	RIBA - STAGE 2 ISSUE	RM	CS	CS	01 19
REV	DESCRIPTION	BY	CHK	APP	DATE

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Project:

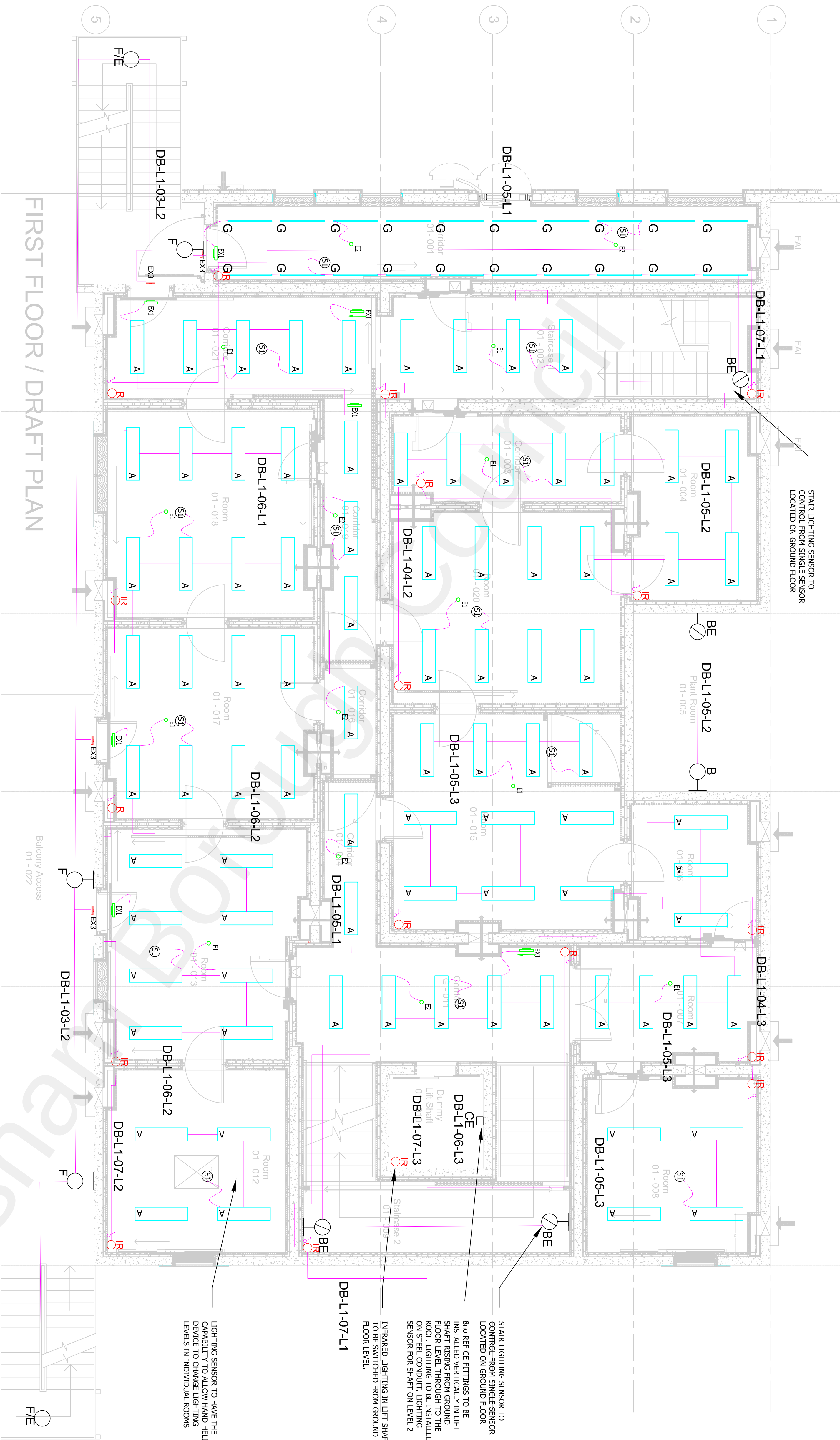
Metropolitan Police
Service SFC SCO19
Wharf Road, Gravesend

Drawing Title:

PROPOSED FIRST FLOOR LIGHTING LAYOUT TRAINING RANGE

Scale @ A1	Drawn	Date	Checked	Date	Approved	Date
1:50	RM	06/20	AF	06/20	CS	06/20
Project No.	Office	Type	Drawing No.		Revision	
A111364	WYG	A1	00-DR-EL-1001		T01	

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GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, CIVIL & STRUCTURAL.
2. BEFORE TENDERING THE CONTRACTOR SHALL NAME HIMSELF FULLY ACCOUNTED BY HIS OWN INDEPENDENT OBSERVATIONS AND ENQUIRES AS TO THE NATURE, EXTENT AND PRACTICABILITY OF THE WORKS, THE SUPPLY OF AND CONDITIONS AFFECTING LABOUR AND GENERALLY OF ALL DETAILS AND WORKING CONDITIONS, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUTH OF THE INFORMATION AND KNOWLEDGE OF ANY OR ALL OF THE FOREGOING MATTERS SHALL BE ENTERAINED BY THE EMPLOYER.
3. ELECTRICAL CONTRACTOR SHALL TAKE FULL COGNIZANCE OF THE OHS HEALTH AND SAFETY PLAN, AND PROVIDE FULL METHOD STATEMENTS FOR ALL HAZARDOUS OPERATIONS LISTED THEREIN. METHOD STATEMENTS SHALL ALSO BE PROVIDED FOR ANY HAZARDOUS OPERATION WHICH BECOMES APARENT THROUGHOUT THE CONSTRUCTION PHASE.
4. ALL NECESSARY SUPPORTS, FIXINGS, BRACKETERY COUPLERS, ETC FOR FIXING TO THE BUILDING FABRIC TO BE INCLUDED TO ENSURE SAFE, RIGID INSTALLATION.
5. ALL TRUNKING, TRUNKING BRACKETRY, AND CABLE TRAYS CARRIES WITHIN GUTTERING TRUNKING FOR FINAL CIRCUITS, ADVISORY/USER CABLES SHALL BE INSTALLED ON HEAVY DUTY CABLE RASSET THROUGHOUT. DATA & CONTROL CABLES SHALL HAVE LSF INSULATION AND INSTALLED AS INDICATED ON THE DRAWINGS. DROPS FROM TRUNKING IN TRAINING RANIGE TO BE PVC CONDUIT TO ELIMINATE RICOCHET FROM METAL SURFACES.
6. THE CONTRACTOR IS TO SUPPLY, INSTALL, TEST, DEMONSTRATE, COMMISSION AND PROVIDE TRAINING FOR ALL ELECTRICAL SYSTEMS IN ACCORDANCE WITH BS6717 & CDM AND SUPPLY ALL RELEVANT DOCUMENTATION TO THE ENGINEER RECORD TO HANDOVER. THIS IS INCLUDED FOR ALL SYSTEMS. THE EXTENT OF THE WORKS REQUIRED TO COMPLETE THE INSTALLATION IS NOT LIMITED TO THAT SPECIFIED IN THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUTH OF THE INFORMATION AND KNOWLEDGE OF ANY OR ALL OF THE FOREGOING MATTERS SHALL BE ENTERAINED BY THE EMPLOYER.
7. CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE COORDINATION WITH ALL OTHER SERVICES, INDICATED ROUTING/EXENTS ARE SHOWN FOR A GUIDE TO INTENDED ROUTES ONLY - FULL CO-ORDINATION BETWEEN ALL PARTIES/SERVICES SHALL BE CARRIED OUT, NO ADDITIONAL MONIES ARE AVAILABLE FOR LACK OF CO-ORDINATION.
8. CONTRACTOR SHALL INCLUDE FOR THE FINAL CONNECTION OF ALL EQUIPMENT IRRESPECTIVE OF SUPPLIER.
9. WHERE TRUNKING/TRAY/BASESET PASSES THROUGH FIRE BARRIERS, APPROPRIATE FIRE STOPPING SHALL BE INCORPORATED AROUND & INSIDE THE CONVIANTMENT ROUTES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE TRUTH OF THE INFORMATION AND KNOWLEDGE OF ANY OR ALL OF THE FOREGOING MATTERS SHALL BE ENTERAINED BY THE EMPLOYER.
11. ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NECESSARY CONDUIT, TRUNKING, WIRINGWAYS AND POWER SUPPLIES TO FACILITATE SYSTEMS INSTALLED BY SPECIFICALLY CONDUIT, TRUNKING, WIRINGWAYS, TELEPHONE, SECURITY AND DATA INSTALLATIONS. THE ELECTRICAL SUB-CONTRACTOR SHALL LIAISE WITH ALL SPECIALIST SUB-CONTRACTORS FOR EXACT REQUIREMENTS, AND FIRST FIX ITEMS.
12. EXACT POSITION OF ALL OUTLETS/ACCESSORIES SHALL BE AGREED WITH THE ENGINEER/ARCHITECT PRIOR TO THE FIRST FIX. ALL OUTLETS TO BE INSTALLED IN ACCORDANCE WITH CDM REQUIREMENTS.

LIGHTING NOTES:

1. THE GENERAL LIGHTING CIRCUITS SHALL BE WIRED UTILISING 1SF INSULATED SINGLE CORE CABLES DRAWN INTO GALVANISED STEEL, TRUNKING AND CONDUIT. ALL TRUNKING AND CONDUITS SHALL BE CONCEALED IN THE FABRIC OF THE BUILDING TO PROVIDE A FLUSH INSTALLATION. FINAL CONNECTIONS SHOULD BE MADE USING PLUG-IN CEILING ROSES OR MARSHALLING BOXES.
2. ALL RECESSED LUMINAIRES SHOULD BE SUPPORTED FROM THE BUILDING FABRIC UTILISING THREADED ROD SUPPORTS. RECESSED 600mm MODULAR LUMINAIRES SHALL BE COMPLETE WITH AT LEAST 2% ROD SUPPORTS.
3. EACH LIGHT SWITCHES SHALL HAVE A PLASTIC BACK BOX AND WHITE PVC COVER PLATE.
4. ALL LUMINAIRE SHOULD BE REMOVED WITH A DURABLE STICK ON CIRCUIT LABEL TO INDICATE THE DISTRIBUTION BOARD AND BOARD WAY THAT THE LUMINAIRE IS SUPPLIED FROM
5. EACH EMERGENCY LUMINAIRE SHOULD BE COMPLETE WITH A STICK ON REFERENCE LABEL THAT SHOULD CORRELATE WITH THE AS INSTALLED RECORD DRAWINGS.
6. THE EMERGENCY LIGHTING, ESCAPE SIGNAGE SHALL BE INSTALLED AND COMMISSIONED TO CURRENT BS:5266 & BS:5499
7. CEILING GRID LAYOUT IS INDICATIVE ONLY, AND LIGHTING SHOULD BE CO-ORDINATED FULLY WITH THE ENGINEER, CEILING CONTRACTOR PRIOR TO INSTALLATION
8. ALL PIR SENSORS TO BE LINKED IN A BUS ARRANGEMENT.
9. ALL LIGHTS TO BE ON THEIR OWN CIRCUITS