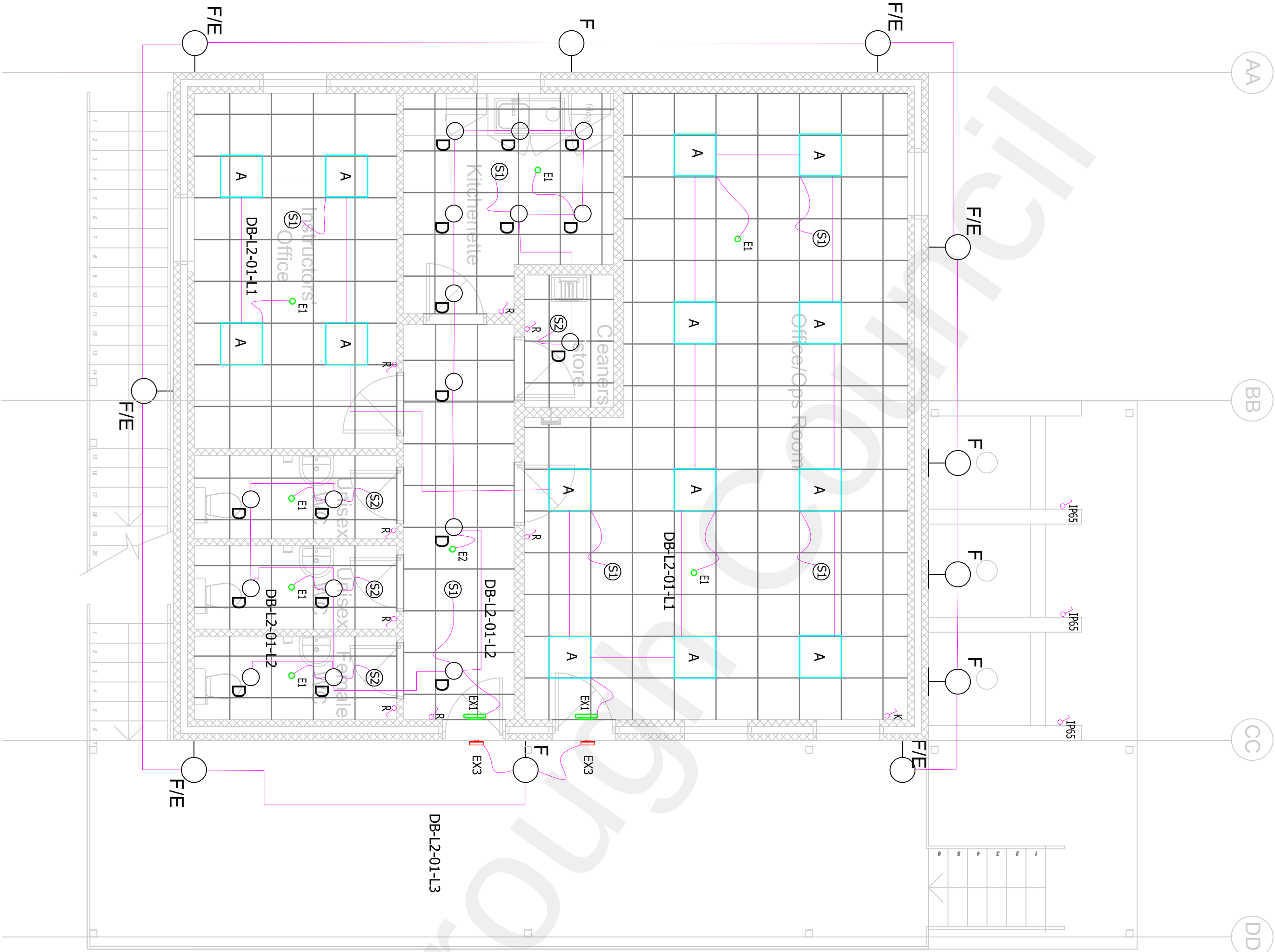


GROUND FLOOR PLAN



GENERAL NOTES

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, CIVIL & STRUCTURAL.
- BEFORE TENDERING THE CONTRACTOR SHALL MAKE HIMSELF FULLY ACQUAINTED BY HIS OWN INDEPENDENT OBSERVATIONS AND ENQUIRIES AS TO THE NATURE, EXTENT AND PRACTICABILITY OF THE WORKS, THE SUPPLY OF AND CONDITIONS AFFECTING LABOUR AND GENERALLY OF ALL DETAILS AND MATTERS WHICH MAY IN ANY WAY AFFECT HIS TENDER. NO MONETARY OR OTHER CLAIM ON THE GROUNDS OF WANT OF KNOWLEDGE OF ANY OR ALL OF THE AFORESAID MATTERS SHALL BE ENTERAINED BY THE EMPLOYER.
- ELECTRICAL CONTRACTOR SHALL TAKE FULL COGNIZANCE OF THE CDM 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 APPARENT THROUGH THE COURSE OF THE WORKS.
- ALL NECESSARY SUPPORTS, FIXINGS, BRACKETERY, COUPLERS, ETC FOR FIXING TO THE BUILDING FABRIC TO BE INCLUDED TO ENSURE SAFE, RIGID INSTALLATION.
- THE INSTALLATION SHALL BE CARRIED OUT USING #4918/LSF CABLES WITHIN GALVANISED TRUNKING FOR FINAL CIRCUITS. XLPE/SW/LSF CABLES SHALL BE INSTALLED ON HEAVY DUTY CABLE BASKET THROUGHOUT. DATA & CONTROL CABLES SHALL HAVE LSF INSULATION AND INSTALLED AS INDICATED ON THE DRAWINGS. DROPS FROM TRUNKING IN TRAILING RANGE TO BE PVC CONDUIT TO ELIMINATE RICOCHET FROM METAL SURFACES.
- THE CONTRACTOR IS TO SUPPLY, INSTALL, TEST, DEMONSTRATE, COMMISSION AND PROVIDE TRAINING FOR ALL ELECTRICAL SYSTEMS IN ACCORDANCE WITH BS7671 & CDM AND SUPPLY ALL RELEVANT DOCUMENTATION TO THE ENGINEER PRIOR TO HANDOVER. THIS IS INCLUDED FOR ALL SYSTEMS. THE EXTENT OF THE WORKS REQUIRED TO COMPLETE THE INSTALLATION IS NOT LIMITED TO THAT SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL INCLUDE FOR ALL ITEMS OF EQUIPMENT DEEMED NECESSARY TO PROVIDE A SAFE AND FULL OPERATIONAL SYSTEM.
- ALL NECESSARY SUPPORTS, FIXINGS, BRACKETERY, COUPLERS, ETC FOR FIXING TO THE BUILDING FABRIC TO BE INCLUDED TO ENSURE SAFE, RIGID INSTALLATION.
- ROUTES/EXTENTS 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.
- CONTRACTOR SHALL INCLUDE FOR THE FINAL CONNECTION OF ALL EQUIPMENT IRRESPECTIVE OF SUPPLIER.
- WHERE TRUNKING/TRAY/BASKET PASSES THROUGH FIRE BARRIERS, APPROPRIATE FIRE STOPPING SHALL BE INCORPORATED AROUND & INSIDE THE CONTAINMENT ROUTES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING INTERNAL CONTAINMENT ROUTES WITH FIRESTOP CUSHIONS.
- ELECTRICAL CONTRACTOR SHALL SUPPLY AND INSTALL ALL NECESSARY CONDUIT, TRUNKING, WIREMANS AND POWER SUPPLIES TO FACILITATE SYSTEMS INSTALLED BY SPECIALIST SUB-CONTRACTORS I.E. TELEPHONE, SECURITY AND DATA INSTALLATIONS. THE ELECTRICAL SUB-CONTRACTOR SHALL LIAISE WITH ALL SPECIALIST SUB-CONTRACTORS FOR EXACT REQUIREMENTS, AND FIRST FIX ITEMS.
- 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 DDA REQUIREMENTS.

LIGHTING NOTES:

- THE GENERAL LIGHTING CIRCUITS SHALL BE WIRED UTILISING LSF 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 WAKSMULLING BOXES.
- ALL ACCESSIBLE FINISHES SHOULD BE SUPPORTED FROM THE BUILDING FABRIC UTILISING ALUMINIUM ROD SUPPORTS. RECESSED 600mm MODULAR LUMINAIRES SHALL BE COMPLETE WITH AT LEAST 2mm ROD SUPPORTS.
- ALL LIGHT SWITCHES SHALL HAVE A PLASTIC BACK BOX AND WHITE PVC COVER PLATE.
- EACH LUMINAIRE SHOULD BE PROVIDED WITH A DURABLE STICK ON CIRCUIT LABEL. TO INDICATE THE DISTRIBUTION BOARD AND BOARD WAY THAT THE LUMINAIRE IS SUPPLIED FROM.
- THE EMERGENCY LIGHTING, ESCAPE SIGNAGE SHALL BE COMPLETE WITH A STICK ON REFERENCE LABEL THAT SHOULD CORRELATE WITH THE AS INSTALLED RECORD DRAWINGS.
- CURRENT BS:5266 & BS:5499
- CEILING GRID LAYOUT IS INDICATIVE ONLY AND LIGHTING SHOULD BE CO-ORDINATED FULLY WITH THE ENGINEER/ CEILING CONTRACTOR PRIOR TO INSTALLATION
- ALL PIR SENSORS TO BE LINKED IN A BUS ARRANGEMENT.
- ALL PIR LIGHTS TO EACH BE SEPARATELY SWITCHED
- ALL PIR LIGHTS TO BE ON THEIR OWN CIRCUITS

LEGEND OF SYMBOLS:

A DISANO 862 LED PANEL R - UKR x19 - CR180

B THORN 9200629 EPIGON LED EYE BE LED 155x940 HFIX L BK
"E" FITTING IS AN INTEGRATED NON - MAINTAINED EMERGENCY FITTING

C THORN AQUAFORCE PRO/ AQUAFORCE S LED 1300 - 840 PC WB HFI

C/E THORN AQUAFORCE PRO/ AQUAFORCE S LED 1300 - 840 PC WB HFI E3

D THORN CHALICE PRO/ CHAL PRO LED 1100x840 BC RNB W6

F THORN EPIGON LED/EYE HA LED 1050 - 840 HFI L BK
"F/E" FITTING IS AN INTEGRATED NON - MAINTAINED EMERGENCY FITTING

G OUTLIGHT WALLWASHER 20W

IR RAYTEC WMR24-1 INFRARED ILLUMINATOR

E1 THORLUX FREELY AREA EMERGENCY AUTOTEST TFF 12490 RECESSED NON - MAINTAINED

E2 THORLUX FREELY CORRIDOR EMERGENCY AUTOTEST TFF 12491 RECESSED NON - MAINTAINED

EX1 THORLUX EMERGENCY EXT SIGN NON - MAINTAINED

EX3 THORLUX EIGHT - 65 W/ NON - MAINTAINED

ON/OFF SWITCH

RETRACTIVE SWITCH FOR CONTROL OF DIMMING

KEY SWITCH LOCATED BESIDE ELECTRICAL DISTRIBUTION BOARD FOR TESTING EMERGENCY LIGHTING

S1 Type S1 Sensor - ASSANGE DETECTION - DANLERS - CEIL-CEN

S2 Type S2 Sensor - PRESENCE DETECTION - DANLERS - CEIL-CEN

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

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e-mail: peffas@wvg.com



Project:

Metropolitan Police
Service SFC SCO19
Wharf Road, Gravesend

Drawing Title:

PROPOSED LIGHTING LAYOUT
ANCILLARY BUILDING

Scale @	A1	Drawn	Date	Checked	Date	Approved	Date
1:50	RM	07/20	AF	CS	07/20	CS	07/20
Project No.	Office	Type	Revision				
A11364	WVG A1	00-DR-EL-2000	T01				