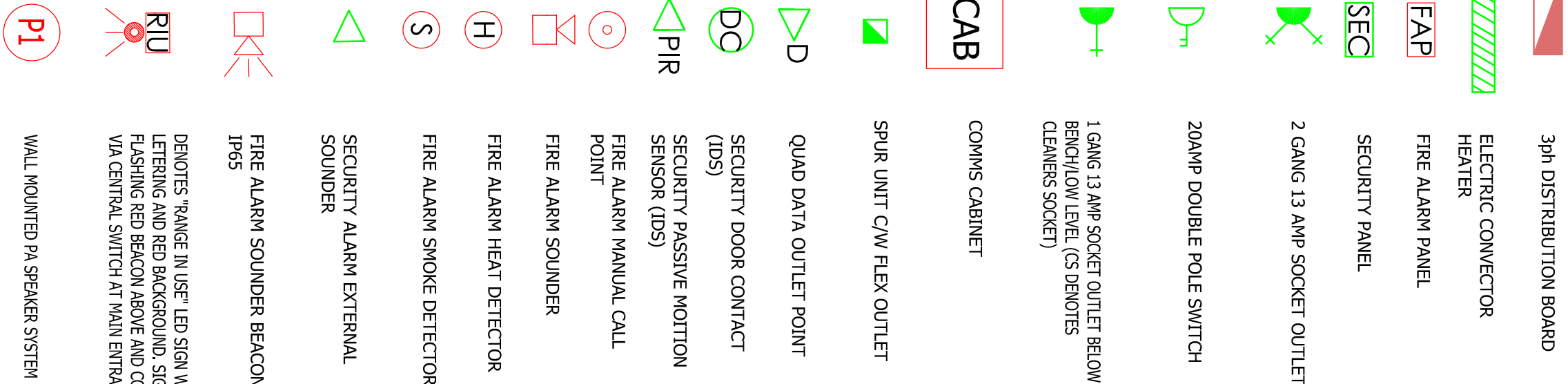


Key



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

METROPOLITAN POLICE SERVICE

1 LOOKSLEY BUSINESS PARK
MONTGOMERY ROAD
BELFAST
BT6 9UP

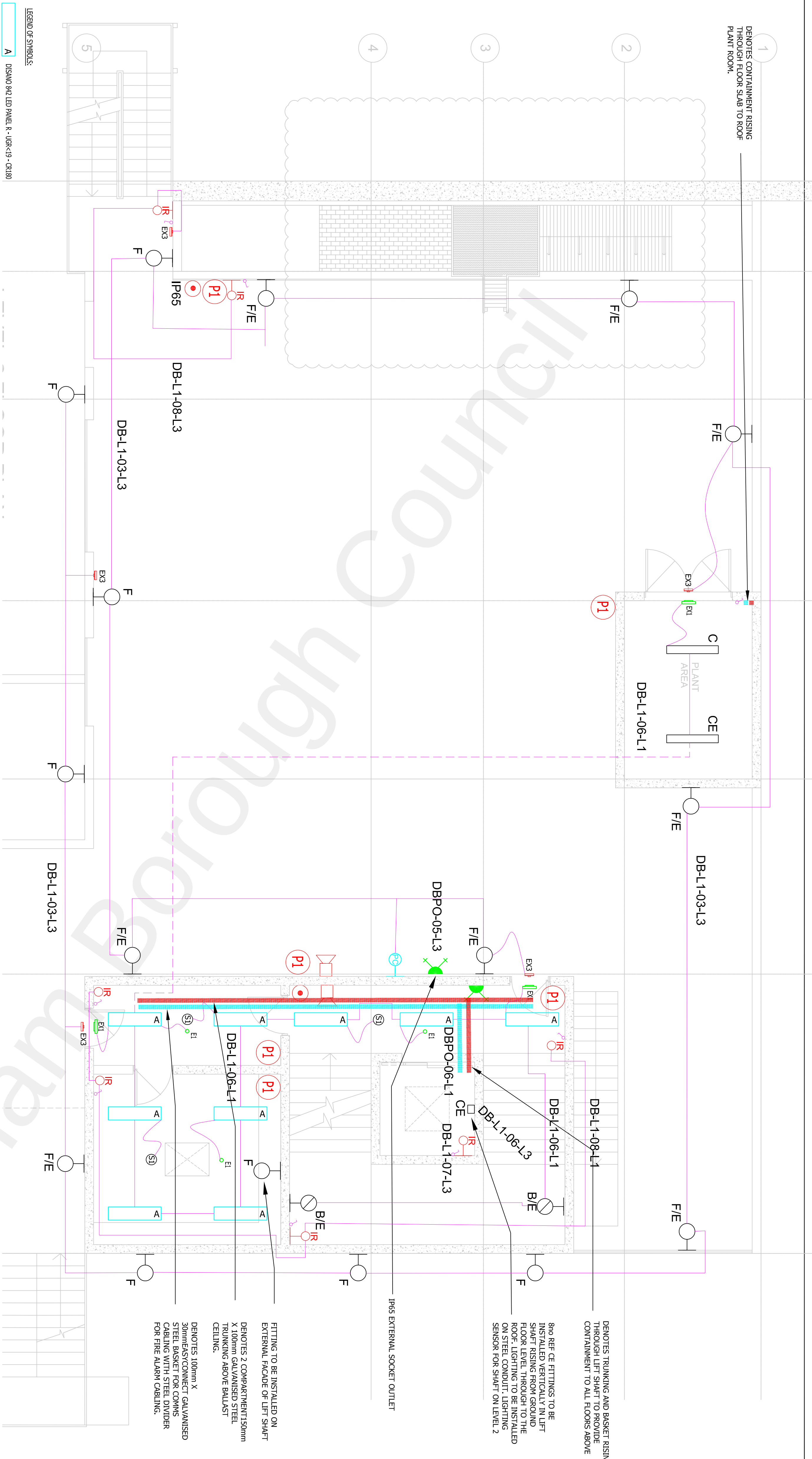
TEL: +44 (0)28 9070 6000
FAX: +44 (0)28 9070 6050
e-mail: info@wyg.com

The logo for wyg. features the lowercase letters 'wyg.' in a white, stylized, handwritten-style font, centered within a solid black circle.

Project:
Metropolitan Police
Service SFC SCO19
Wharf Road, Gravesend

Drawing title:
PROPOSED SECOND FLOOR LIGHTING
FIRE AND SMALL POWER 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-1002	T01		



LEGEND OF SYMBOLS:

- A** DISANO 842 LED PANEL R - UGR<19 - CR180

④

THORN 92900529 EYEKON LED/ EYE BE LED 1550-840 HFIX L BK
"B/E" FITTING IS AN INTEGRATED NON - MAINTAINED EMERGENCY FITTING

5

THORN AQUAFORCE PRO/ AQFPRO S LED 4300 - 840 PC MB HFI

5

THORN AQUAFORCE PRO/ AQPRO S LED 4300 - 840 PC MB HFI E3

○

THORN CHALICE PRO/ CHAL PRO LED 1100-840 BC RMB w6

○

IP65 THORN EYECON LED/EYE HA LED 1050 - 840 HF L BK
"F/E" FITTING IS AN INTEGRATED NON - MAINTAINED
EMERGENCY FITTING

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ORLIGHT WALLWASHER 20W

○:

RAYTEC VAR2-I2-1 INFRARED ILLUMINATOR

○ F2

THORLUX FIREFLY AREA EMERGENCY AUTOTEST TFF 17490 RECESSED NON - MAINTAINED

1

Enl - I HOKLOX EPIERGEWCT EALL SIGN WOVN - MAIN IAINED

ON/OFF SWITCH

天

KEY CONCEPT LOCATED BEYOND ELECTRICAL DISTANCE

②

ADDITIONAL INFORMATION: DATA FOR ONLY ONE

○ ○

©

GENERAL NOTES

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS INCLUDING ARCHITECTURAL, MECHANICAL, CIVIL & STRUCTURAL.
2. BEFORE TENDERING THE CONTRACTOR SHALL HAVE HIMSELF FULLY ACQUAINTED 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 MATERIALS AND THE COMMERCIAL AND TECHNICAL FEASIBILITY OF THE WORKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ASSESSMENT OF THE RISKS AND THE GROUNDINGS OF WANT OF KNOWLEDGE OF ANY OR ALL OF THE FORESAID MATTERS SHALL BE ENTERAINED BY THE EMPLOYER.
3. ELECTRICAL CONTRACTOR SHALL TAKE FULL CO-ORDINATION OF THE CON 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 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 CABLES SHALL BE SECURED TO THE BUILDING FABRIC BY MEANS OF STEEL CABLES WITHIN GUARANTEED TRUNKING FOR FINAL CIRCUITS. ALL CABLES SHALL BE INSTALLED ON HEAVY DUTY CABLE BASKET THROUGHOUT. DATA & CONTROL CABLES SHALL HAVE 1ST INSTALLATION AND INSTALLED AS INDICATED ON THE DRAWINGS. PROPS FROM TRUNKING IN TRAINING RANGE 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 BS/571 & COM 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 COMPLETE THE WORKS.
7. THE CONTRACTOR IS RESPONSIBLE FOR ALL ON SITE CO-ORDINATION WITH ALL OTHER SERVICES. INDICATED ROUTE/EXITS 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. SUPPLIER.
9. ELECTRICAL CONTRACTOR SHALL INCLUDE FOR THE FINAL CONNECTION OF ALL EQUIPMENT IRRESPECTIVE OF SUPPLIER.
10. WHERE TRUNKING/TRAY/BASKET PASSES THROUGH FIRE BARRIERS, APPROPRIATE FIRE STOPPING SHALL BE INCORPORATED AROUND & INSIDE THE CONTAINMENT ROUTES. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE STOPPING INTERVAL CONTAINMENT ROUTES WITH FIRESTOP SOLUTIONS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL NECESSARY CABLES, CABLEWAYS 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.
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 DDA REQUIREMENTS.

LIGHTING NOTES:

1. THE GENERAL LIGHTING CIRCUITS SHALL BE WIRED UTILISING 1/2" INSULATED SINGLE CORE CABLES DRAWN INTO GALVANIZED 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 2X, R90 SUPPORTS.
3. ALL LIGHT SWITCHES SHALL HAVE A PLASTIC BACK BOX AND WHITE PVC COVER PLATE.
4. 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.
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 EACH BE SEPARATELY SWITCHED
10. ALL LIGHTS TO BE ON THEIR OWN CIRCUITS

FITTING TO BE INSTALLED ON
 EXTERNAL FACADE OF LIFT SHAFT
 DENOTES 2 COMPARTMENT 150mm
 X 100mm GALVANISED STEEL
 TRUNKING ABOVE BALLAST
 CEILING.
 DENOTES 100mm X
 30mmEASYCONNECT GALVANISED
 STEEL BASKET FOR COMMS
 CABLEING WITH STEEL DIVIDER
 FOR FIRE ALARM CABLEING.

DENOTES TRUNKING AND BASKET RISING
THROUGH LIFT SHAFT TO PROVIDE
CONTAINMENT TO ALL FLOORS ABOVE

8no REF CE FITTINGS TO BE INSTALLED VERTICALLY IN LIFT SHAFT RISING FROM GROUND FLOOR LEVEL THROUGH TO THE ROOF. LIGHTING TO BE INSTALLED ON STEEL CONDUIT. LIGHTING SENSOR FOR SHAFT ON LEVEL 2

EXTERNAL SOCKET OUTLET