LUMINAIRE SCHEDULE


REF A1 - FAGERHULT - PLEIAD G4 128 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 8W, 899lm


REF A2 - FAGERHULT - PLEIAD G4 168 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 12W, 1294lm


REF A3 - FAGERHULT - PLEIAD G4 128 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 19W, 1931lm


REF A4 - FAGERHULT - PLEIAD G4 205 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 12W, 1103lm


REF A5 - FAGERHULT - PLEIAD G4 165 SURFACE MOUNTED DOWNLIGHT LUMINAIRE,9W, 942lm


REF A6 - FAGERHULT - PLEIAD G4 70 SURFACE MOUNTED DOWNLIGHT LUMINAIRE,8W, 608lm


REF E1 - THORLUX - FIREFLY PLUS SURFACE MOUNTED EMERGENCY DOWNLIGHT, 4W, 565lm


REF P1 - ABSTRACTA - MOON PENDANT FITTING, 15W


REF B1/B1E - THORN - AQUAFORCE PRO S SURFACE MOUNTED LINEAR LUMINAIRE, 20W, 2950lm

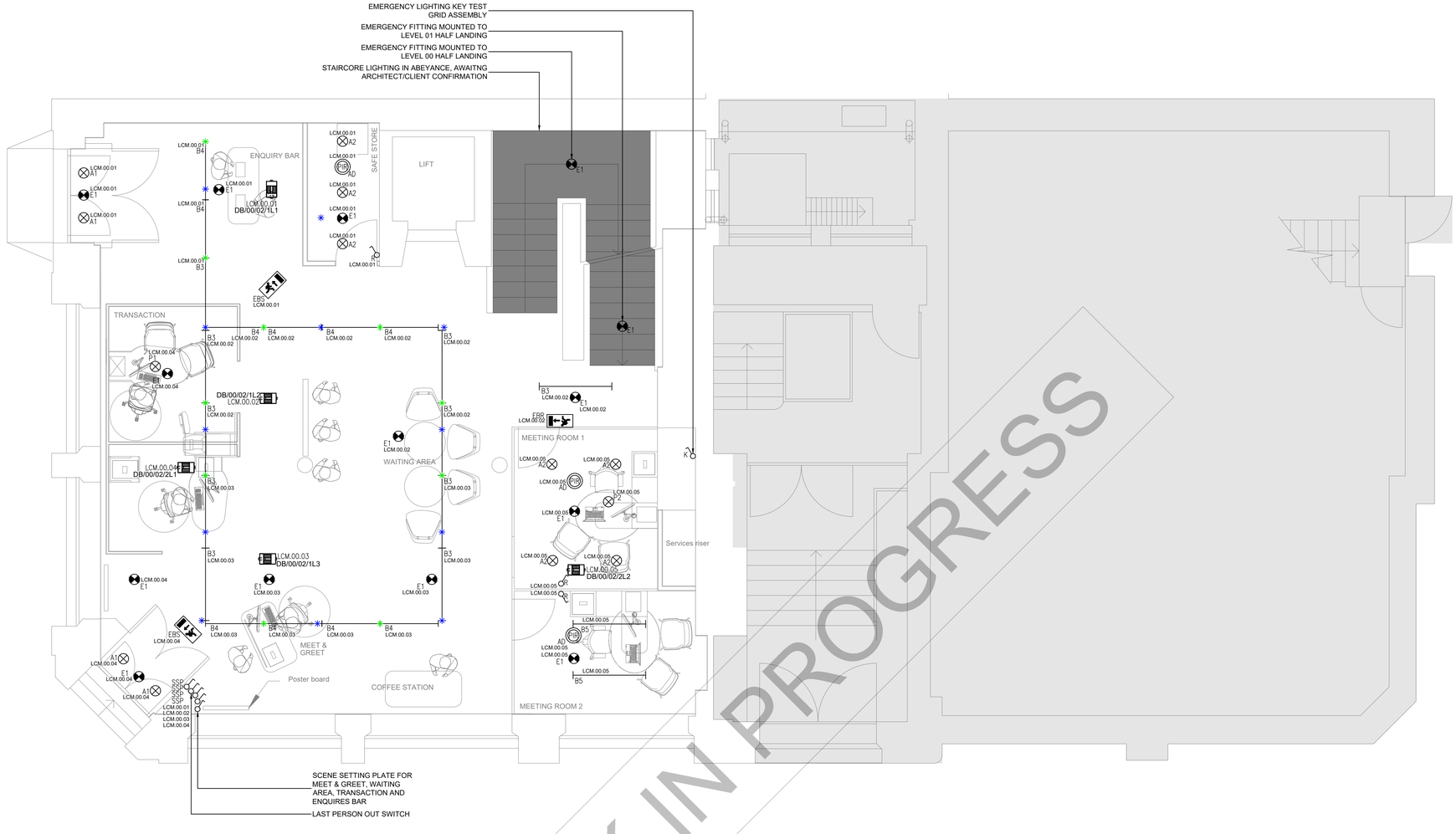

REF B2/B2E - THORN - AQUAFORCE PRO L SURFACE MOUNTED LINEAR LUMINAIRE, 44W, 6610lm

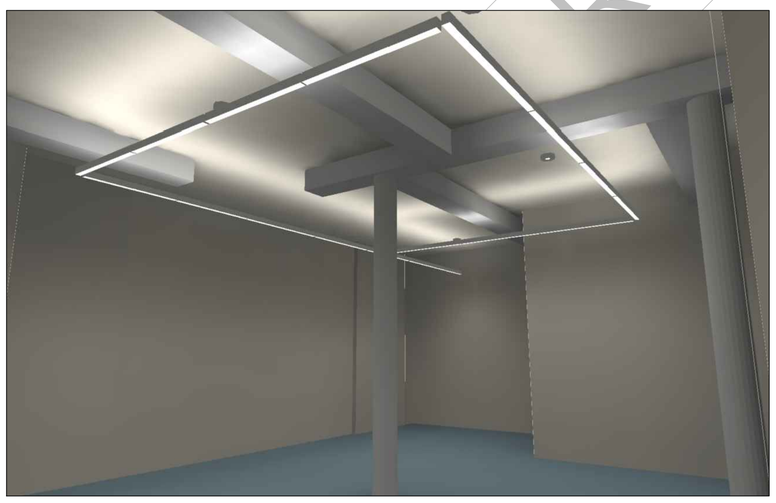

REF C1 - FAGERHULT - MULTILUME DROPPED VTB 600x600 RECESSED LUMINAIRE, 20W, 2772lm


REF B3 - ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 26.4W, 3138lm


REF B4 - ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 29.4W, 3327lm


REF B5 - ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 54.9W, 5878lm




LEVEL 00 TRACK LIGHTING


LEVEL 00 TRACK LIGHTING

ACTIVITY	RESIDUAL RISKS	CONTROL MECHANISM & COMMUNICATION
SITE DELIVERY OF MATERIALS, E.G. SWITCHGEAR, CONTAINMENT, LUMINAIRES	- VEHICLE TO PERSON COLLISIONS - MANUAL HANDLING	NOTIFY ALL PARTIES CONCERNED OF DELIVERY DATES AND TIMES. ENSURE ALL PARTIES ARE FULLY AWARE OF SITE LIMITS IN PARTICULAR LIMITED SPACE FOR UNLOADING AND RESTRICTED ACCESS TIMES.
TEMPORARY ELECTRICAL SERVICE INSTALLATIONS TO SITE AND SITE COMPOUNDS	- ELECTRIC SHOCK	ENSURE ALL SUPPLIES ARE INSTALLED IN ACCORDANCE WITH IET REGULATIONS, REC REQUIREMENTS AND IN LOCATIONS THAT ARE SECURE AND ACCESSED BY QUALIFIED AND SUITABLY TRAINED STAFF.
EXTERNAL WORKS AND POSSIBLE PRESENCE OF EXISTING UNDERGROUND SUPPLIES	- DAMAGE TO EXISTING SUPPLIES - ELECTRIC SHOCK	OBTAIN DETAILS OF LOCAL UNDERGROUND SERVICES INFORMATION FROM PROVIDERS.CARRY OUT SUB-SOAK SCAN TO ALL EXCAVATIONS. ENSURE ALL EXCAVATIONS HAVE ADEQUATE NOTING OBSTRUCTIONS. HAND DIG ANY AREAS IDENTIFIED AS CONTAINING UNKNOWN ELEMENTS.
ON SITE USE OF ELECTRICITY SUPPLIES TO PORTABLE EQUIPMENT	- TRIPPING FROM TRAILING LEADS	MINIMISE THE LENGTH OF TRAILING LEADS. LEADS TO BE ROUTED AWAY FROM WORK AT LOW LEVEL WHERE POSSIBLE. ROUTES TO BE IDENTIFIED ON SITE PLANS AND HELD BY THE MAIN CONTRACTOR.
DRILLING/CHASING OF WALLS, ETC. FOR CONTAINMENT FIXINGS.	- DUST/INJURY TO EYES: INHALATION OF DUST	APPROPRIATE PPE TO BE USED, E.G. EYE PROTECTION AND DUST MASKS
HANDLING OF HEAVY EQUIPMENT	- INJURY - MUSCLE STRAIN - BONE FRACTURE	ENSURE ADEQUATE LABOUR/MECHANICAL HANDLING EQUIPMENT IS AVAILABLE AND ADHERE TO GOOD PROCEDURES AND MANUAL PRACTICES FOR LIFTING OPERATIONS
GENERAL WORKING	- INJURY TO SITE PERSONNEL AND VISITORS	SITE ACCESS TO BE RESTRICTED AND CONTROLLED. ALL SITE PERSONNEL AND VISITORS TO BE INDUCTED BY THE MAIN CONTRACTOR. ALL PERSONNEL TO WEAR PPE AS DEEMED SUITABLE FOR THE ENVIRONMENT THEY ENTER OR PASS THROUGH

ARCHITECT'S DRAWING REFERENCE	REVISION
24003-07	N/A

NOTES - GENERAL

1. DO NOT SCALE FROM THIS DRAWING.
2. THIS IS NOT AN INSTALLATION DRAWING.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE MECHANICAL AND ELECTRICAL TENDER SPECIFICATIONS, AND ALL ACCOMPANYING TENDER DRAWINGS AND SPECIFICATIONS, INCLUDING ARCHITECTURAL, STRUCTURAL ENGINEERING, CIVIL ENGINEERING, MEP AND OTHER THIRD PARTY DESIGNERS.
4. ALL SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE RELEVANT STANDARDS AND WORKMANSHIP CLAUSES DETAILED WITHIN THE ACCOMPANYING SPECIFICATION (WHERE PROVIDED).
5. THE DESIGN AND INSTALLATION SHALL COMPLY WITH THE BUILDING REGULATIONS, BRITISH STANDARDS, EU LEGISLATION, STATUTE, CIBSE GUIDES, CIBSE COMMISSIONING CODES, B&ES, H&S GUIDANCE AND ACOP'S, THE GAS REGULATIONS AND ALL OTHER APPLICABLE REGULATIONS.
6. THE CONTRACTOR SHALL ALLOW FOR SPECIALIST COMMISSIONING OF ALL ELECTRICAL SYSTEMS BY THE MANUFACTURER OR MANUFACTURERS APPOINTED AGENT.
7. FOLLOWING COMPLETION OF THE INSTALLATION, THE SYSTEMS SHALL BE TESTED AND COMMISSIONED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
8. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
9. PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SEEK CONFIRMATION OF ACCEPTANCE OF THE PROPOSALS BY THE BUILDING CONTROL OFFICER.
10. THE ELECTRICAL INSTALLATIONS SHALL BE COMPLIANT WITH THE REQUIREMENTS OF BS 7671:2018. THE CONTRACTOR SHALL CARRY OUT ALL TESTING AND INSPECTION WORKS IN STRICT ACCORDANCE WITH BS 7671.
11. APPLIANCES AND EQUIPMENT FUSED CONNECTION UNITS AND ISOLATORS SHALL BE ENGRAVED TO INDICATE THE EQUIPMENT THEY SERVE.
12. ACCESS PANELS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR TO ALLOW ELECTRICAL, ISOLATORS, CONTROLLERS, ETC. TO BE EASILY ACCESSED AND MAINTAINED.
13. ALL ELECTRICAL ACCESSORIES LOCATED IN SERVICE RISERS, PLANT/SWITCH ROOMS SHALL BE OF THE METAL CLAD TYPE. CABLING TO THESE ACCESSORIES SHALL BE BY GALVANISED STEEL TRUNKING OR CONDUIT.
14. CONTAINMENT, BUSBARS AND ELECTRICAL ACCESSORIES PASSING THROUGH FIRE COMPARTMENTS SHALL BE SUITABLY FIRE SEALED/STOPPED.

NOTES - GENERAL & EMERGENCY LIGHTING

1. THE INTERNAL & EXTERNAL LIGHTING INSTALLATION SHALL BE FULLY COMPLIANT WITH THE INTERIOR DESIGNER'S, LIGHTING CONSULTANT'S AND LANDSCAPE DESIGNER'S PROPOSED SCHEMES. THIS SHALL BE IN TERMS OF LUMINAIRE SPECIFICATION, CONTROL ACCESSORIES TYPE AND STYLE AND CONTROLS PHILOSOPHY.
2. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
3. ALL EMERGENCY LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF BS5266.
4. ALL EMERGENCY LUMINAIRES SHALL BE SELF TEST AND INCLUDE LOCAL BATTERY BACK-UP MODULES.
5. THE LIGHTING SYSTEMS SHALL BE COMMISSIONED IN ACCORDANCE WITH CIBSE COMMISSIONING CODE L, BRITISH STANDARDS AND CODES OF PRACTICE PRIOR TO HANDOVER.

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DO NOT SCALE FROM THIS DRAWING.
CHECK ON SITE AND REPORT ALL DISCREPANCIES TO CLARK DEGNAN LIMITED.

LIGHTING

GENERAL LIGHTING

- A1 FAGERHULT - PLEIAD G4 128 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 8W, 3000K
- A2 FAGERHULT - PLEIAD G4 168 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 12W, 4000K
- A3 FAGERHULT - PLEIAD G4 128 SURFACE MOUNTED DOWNLIGHT LUMINAIRE, 19W, 3000K
- A4 FAGERHULT - PLEIAD G4 205 RECESSED DOWNLIGHT LUMINAIRE, 12W, 3000K
- A5 FAGERHULT - PLEIAD G4 165 RECESSED DOWNLIGHT LUMINAIRE, 9W, 3000K
- A6 FAGERHULT - PLEIAD G4 70 RECESSED DOWNLIGHT LUMINAIRE, 8W, 3000K
- E1 THORLUX - FIREFLY PLUS SURFACE MOUNTED EMERGENCY DOWNLIGHT, 4W
- P1 PENDANT FITTING 1 (TBC BY CLIENT)
- P2 ABSTRACTA - MOON PENDANT FITTING, 15W
- B1 THORN - AQUAFORCE PRO S SURFACE MOUNTED LINEAR LUMINAIRE, 20W, 4000K
- B1E THORN - AQUAFORCE PRO S SURFACE MOUNTED LINEAR LUMINAIRE C/W EMERGENCY PACK, 20W, 4000K
- B2 THORN - AQUAFORCE PRO L SURFACE MOUNTED LINEAR LUMINAIRE, 44W, 4000K
- B2E THORN - AQUAFORCE PRO L SURFACE MOUNTED LINEAR LUMINAIRE C/W EMERGENCY PACK, 44W, 4000K
- C1 FAGERHULT - MULTILUME DROPPED VTB 600x600 RECESSED LUMINAIRE, 20W, 3000K

TRACK LIGHTING

- B3 ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 1415mm, 26.4W, 4000K
- B4 ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 1135mm, 29.4W, 4000K
- B5 ENVIROLUX - LINEAR-LITE SLIM SUSPENDED LINEAR LUMINAIRE, 1415mm, 54.9W, 4000K
- EXISTING SUPPORT LOCATION
- PROPOSED SUPPORT LOCATION

EMERGENCY

- EBS ILLUMINATED EMERGENCY EXIT SIGN (STRAIGHT AHEAD)
- EBR ILLUMINATED EMERGENCY EXIT SIGN (RIGHT TURN)
- EBL ILLUMINATED EMERGENCY EXIT SIGN (LEFT TURN)

CONTROLS

- ONE POLE ONE WAY LIGHT SWITCH
- SSP SCENE SETTING PLATE
- K EMERGENCY KEY TEST SWITCH
- R RETRACTIVE SWITCH
- PIR PASSIVE INFRA RED MOTION SENSOR "X" - DENOTES OPERATION OF THE DETECTOR
  PD - PRESENCE DETECTION NON-DIMMING
  AS - ABSENCE SWITCHING NON-DIMMING
- LCM LIGHTING CONTROL MODULE
- POWER/DALI CABLES
- CONTROLS/SENSOR CABLES
- COMMS/BUS CABLES

EMERGENCY LIGHTING, PIR,S AND LCM'S SHALL BE MOUNTED TO THE UNDERSIDE OF CABLE TRAY

ALL TRACK LIGHTING FOR LEVEL 00 TO BE SUSPENDED TO 700mm BELOW CEILING HEIGHT

Rev	Amendment	Date	By
00	COMMENT ISSUE	30.08.24	CC
01	COMMENT ISSUE	23.09.24	CC
T1	TENDER ISSUE	03.10.24	CC

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Client: NEWCASTLE BUILDING SOCIETY

Project Title: 74 KING STREET MANCHESTER

Drawing Title: ELECTRICAL SERVICES PROPOSED GENERAL & EMERGENCY LIGHTING LAYOUT - LEVEL 00

Drawn By	Checked By	Approved By
GDC	EWR	CD

Contract No.	Date	Scale @ A1
24427	06.08.24	1:50@A1

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Rev: T1

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WORK IN PROGRESS