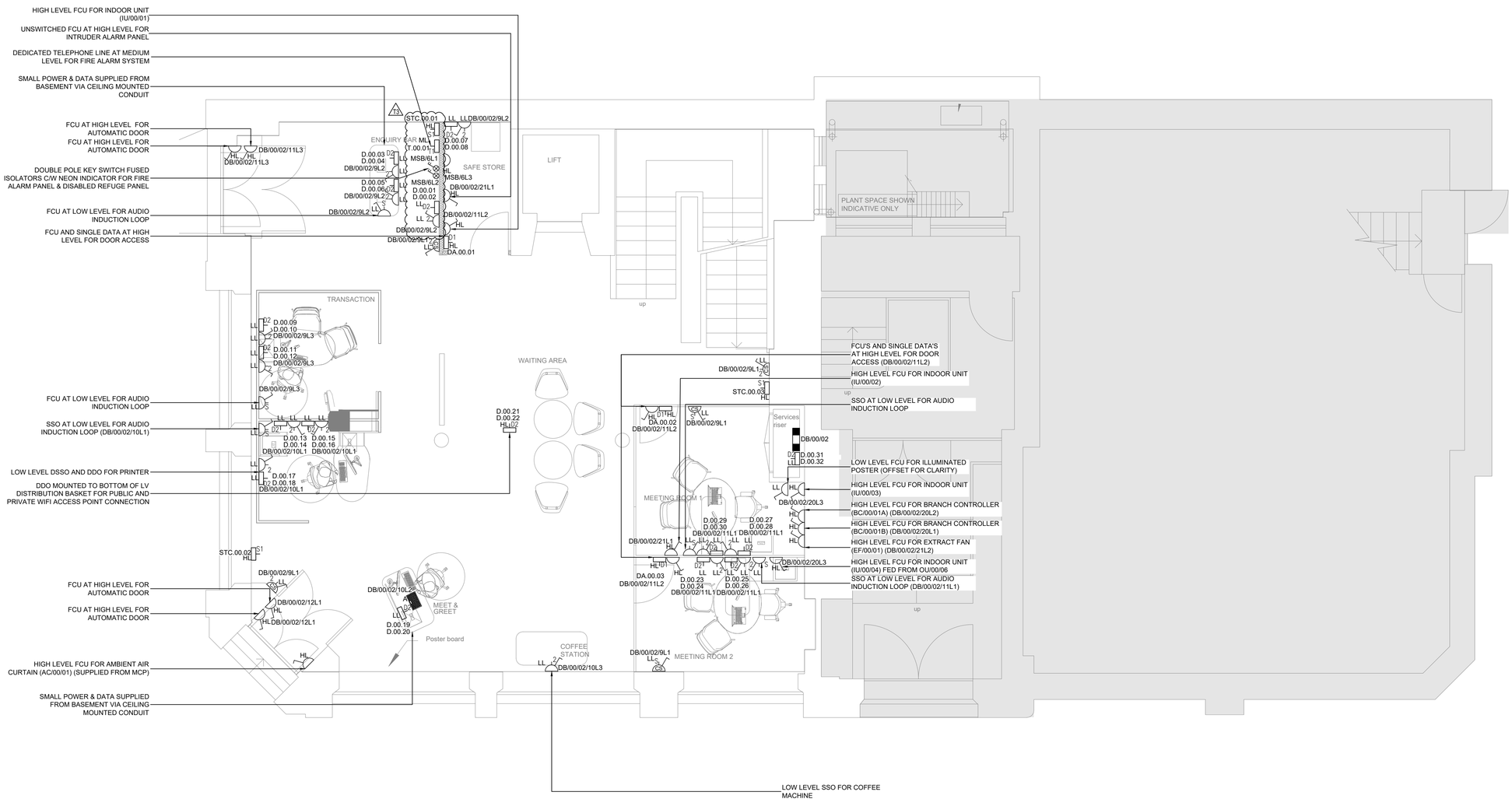
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DO NOT SCALE FROM THIS DRAWING.
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## NOTES - GENERAL

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 - SMALL POWER

1. THE FINAL LOCATION OF ALL ELECTRICAL SERVICES EQUIPMENT SHALL BE AGREED WITH THE CLIENT AND ARCHITECT PRIOR TO COMMENCING FIRST FIX WORKS.
2. CONTAINMENT AND ELECTRICAL EQUIPMENT PASSING THROUGH FIRE COMPARTMENTS SHALL BE SUITABLY FIRE SEALED.
3. BACKBOXES AND ELECTRICAL ACCESSORIES INSTALLED IN PARTITION WALLS SHALL BE SUITABLY TREATED/SEALED FOR ACOUSTIC AND FIRE INTEGRITY.
4. APPLIANCES AND EQUIPMENT FUSED CONNECTION UNITS AND ISOLATORS SHALL BE ENGRAVED TO INDICATE THE EQUIPMENT THEY SERVE.
5. ALL ELECTRICAL ACCESSORIES LOCATED IN SERVICE RISERS, CEILING VOIDS AND PLANT/SWITCH ROOMS SHALL BE OF THE METAL CLAD TYPE. CABLING TO THESE ACCESSORIES SHALL BE BY GALVANISED STEEL TRUNKING OR CONDUIT.
6. CABLE INSTALLATIONS CONCEALED WITHIN THE BUILDING FABRIC SHALL BE PROTECTED BY MEANS OF INSTALLATION IN CONDUIT DROPS/RISES.
7. ALL ELECTRICAL ACCESSORIES SHALL BE COMPLIANT WITH THE REQUIREMENTS OF THE EQUALITY ACT (DDA).

## LEGEND

### DISTRIBUTION & CONTAINMENT

- THREE PHASE DNO CUT OUT AND METER ASSEMBLY
- TPN DISTRIBUTION BOARD
- 3 COMPARTMENT PVC (WHITE) SKIRTING/DADO TRUNKING
- 225 x 25 FLOOR SCREED TRUNKING
- 3 COMPARTMENT TRUNKING DROPPER
- SPN ISOLATOR (XX DENOTES THE CURRENT RATING)

### SMALL POWER

- SINGLE SWITCHED SOCKET OUTLET
- TWIN SWITCHED SOCKET OUTLET
- SINGLE CLEANER SOCKET OUTLET
- TWIN SWITCHED SOCKET OUTLET C/W TWIN USB
- BS4343 IP RATED SOCKET OUTLET SWITCHED INTERLOCKED
  - 'XA - CURRENT RATING
  - 'XV - VOLTAGE RATING
  - 'XP - NO. OF POLES
- UNSWITCHED FUSED CONNECTION UNIT
- SWITCHED FUSED CONNECTION UNIT
- 4 COMPARTMENT FLOOR MOUNTED PEDESTAL BOX C/W 2N. TWIN SWITCHED SOCKET OUTLET, 4NO. DATA OUTLETS, BLANK PLATES AND 1NO. FCU
- 4 COMPARTMENT FLOOR MOUNTED PEDESTAL BOX C/W 2N. TWIN SWITCHED SOCKET OUTLET, 4NO. DATA OUTLETS, HDMI CONNECTION TO TV POINT and 1NO. FCU
- FLOOR ACCESS GROMMET FOR SMALL POWER
- DOUBLE POLE ISOLATOR
- DOUBLE POLE ISOLATOR C/W NEON INDICATOR
- MULTI GANG APPLIANCE ISOLATOR BANK
- HAND DRYER
- FLEX OUTLET PLATE

### STRUCTURED WIRING

- SINGLE DATA RJ45 OUTLET
- DOUBLE DATA RJ45 OUTLET
- SINGLE TELEPHONE OUTLET
- HDMI OUTLET
- FLOOR ACCESS GROMMET FOR DATA

### ABBREVIATIONS

| | |
|---|---|
| LL | LOW LEVEL 450MM |
| HL | HIGH LEVEL 2100MM |
| ML | MEDIUM LEVEL 1100MM |

**ALL LOW LEVEL SMALL POWER TO BE SUPPLIED FROM BASEMENT CEILING VOID IN CONDUIT, ROUTED THROUGH CEILING**

| Rev | Amendment | Date | By |
|---|---|---|---|
| 00 | COMMENT ISSUE | 30.08.24 | CC |
| T1 | TENDER ISSUE | 25.10.24 | CC |
| T2 | TENDER ISSUE - UPDATES | 05.11.24 | CC |
| T3 | TENDER ISSUE - UPDATES | 19.11.24 | CC |

| ACTIVITY | RESIDUAL RISKS | CONTROL MECHANISM & COMMUNICATION |
|---|---|---|
| SITE DELIVERY OF MATERIALS C.O. SWITCHGEAR, CONTAINMENT, LUMINAIRES | - VEHICLE TO PERSON COLLISIONS<br>- MANUAL HANDLING | NOTIFY ALL PARTIES CONCERNED OF DELIVERY DATES AND TIMES. ENSURE SUFFICIENT SPACE IS ALLOCATED ON SITE LIMITS IN PARTICULAR FOR LARGE DELIVERIES. UNLOADING AND RESTRICTED ACCESS TIMES |
| TEMPORARY ELECTRICAL SUPPLIES TO SITE OFFICES, SITE AND SITE COMPOUNDS | - ELECTRIC SHOCK | ENSURE ALL SUPPLIES ARE INSTALLED IN ACCORDANCE WITH IET REGULATIONS. REC REQUIREMENTS AND IN LOCATIONS THAT ARE ONLY ACCESSIBLE FOR QUALIFIED AND SUITABLY TRAINED STAFF. |
| EXTERNAL WORKS AND POTENTIAL DAMAGE OF EXISTING UNDERGROUND SUPPLIES | DAMAGE TO EXISTING SUPPLIES/ELECTRIC SHOCK | OBTAIN DETAILS OF LOCAL UNDERGROUND SERVICES INFORMATION FROM KNOWLEDGEABLY (VCI SUB-SCAN SURVEY OF THE PROPOSED ROUTES. SURVEY PROPOSED ROUTES NOTING OBSTRUCTIONS. HAND DIG ANY AREAS IDENTIFIED AS CONTAINING UNKNOWN ELEMENTS. |
| ON SITE USE OF TEMPORARY ELECTRICITY SUPPLIES TO PORTABLE EQUIPMENT | - TRIPPING FROM TRAILING LEADS | MINIMISE THE LENGTH OF TRAILING LEADS. LEADS TO BE ROUTED AND CLIPED TO WALLS AT HIGH 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 WORKING PRACTICES FOR LIFTING OPERATIONS. |
| GENERAL WORKING | - INJURY TO SITE PERSONNEL AND VISITORS | SITE ACCESS TO BE RESTRICTED AND CONTROLLED. ALL SITE PERSONNEL TO BE INDUCTED BY THE MAIN CONTRACTOR. ALL PERSONNEL WORKING ON OR VISITING SITE TO HAVE APPROPRIATE PPE FOR THE ENVIRONMENT THEY ENTER OR PASS THROUGH. |

TENDER

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

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Client: NEWCASTLE BUILDING SOCIETY

Project Title: 74 KING STREET MANCHESTER

Drawing Title: ELECTRICAL SERVICES PROPOSED SMALL POWER & DATA LAYOUT - LEVEL 00

| Drawn By | Checked By | Approved By |
|---|---|---|
| GDC | EWR | CD |

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Rev: T3

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