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B01-B1-000
Main Building
Basement
GEA: 57.1 GIA: 50.4
TRA: 40.4 NIA: 3.1

B01-B1-005
Tunnels

B01-B1-002
Circ

B01-B1-001
Stairs

B01-B1-003
Store

B01-B1-004
Boiler

DB-B1-01

FAI

GAS SOLENOID

- NOTES
1. All dimensions are in millimetres unless otherwise stated
 2. This drawing is to be read with all other relevant documentation
 3. Do not scale from this drawing, all measurement data should be taken directly from the model

Small power and distribution

- Single switched socket outlet
- Twin switched socket outlet
- Fused connection unit c/w neon indicator
- 16A SPN socket for data rack
- Twin data outlet
- Isolator: Rating as indicated, SPN unless indicated
- Distribution board
- MCCB Panel board
- Dado trunking

- DAC Door access controller
- FAI Fire alarm interface
- LCU Library control unit
- CS Cleaner's socket
- RFID RFID self checkout unit
- FAP Fire alarm panel
- IAP Intruder alarm panel
- PD Powered doors

Small power notes

ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS7671 LATEST EDITION AND MCC STANDARD AND PARTICULAR ELECTRICAL SPECIFICATIONS.

THIS DRAWING IS USED FOR GUIDANCE PURPOSES ONLY. IT IS A GENERIC DRAWING THAT HAS BEEN ADAPTED TO SUIT THE REQUIREMENTS OF THE INSTALLATION AND SHOWS THE CONCEPTS RATHER THAN THE EXACT WIRING REQUIRED.

THE EXACT LOCATIONS OF ALL PROPOSED ELECTRICAL INSTALLATIONS/EQUIPMENT SHALL BE FINALISED/AGREED ON SITE WITH THE MAIN CONTRACTOR / CONTRACT ADMINISTRATOR.

DISTANCES, CLEARANCES AND CABLE LENGTHS SHOULD BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING.

ALL MAIN EQUIPOTENTIAL BONDING AND SUPPLEMENTARY BONDING SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE IET WIRING REGULATIONS (BS7671) AND ANY SPECIFIC REQUIREMENT OF THE LOCAL SUPPLY AUTHORITY. ALL ITEMS OF ELECTRICAL DISTRIBUTION EQUIPMENT WITHIN THE CUBICLES AND ALL METALLIC CONTAINMENT SHALL BE BONDED TO THE MAIN EARTHING CONNECTION POINT.

THE CONTRACTOR SHALL SUPPLY AND INSTALL INRACK POWER UNITS TO THE DATA CABINETS AND SERVER AS DETAILED IN THE ELECTRICAL SPECIFICATION.

DADO SHALL BE MOUNTED AT DESK LEVEL WITH DROPS TO THE SUB-FLOOR CONTAINMENT. THE CONTRACTOR SHALL SUPPLY AND INSTALL NEW OUTLETS TO EACH COMPUTER LOCATION WITH TWO SOCKETS FOR ADDITIONAL EQUIPMENT.

THE CONTRACTOR SHALL MAKE THEMSELVES FAMILIAR WITH THE EXISTING SERVICES AND INCLUDE FOR ANY ADDITIONAL POWER SUPPLIES FOR EXISTING EQUIPMENT THAT IS TO BE RETAINED.

THE CONTRACTOR SHALL INCLUDE FOR THE SUPPLY AND INSTALLATION OF A FIRE ALARM PANEL KEY SWITCHED FUSED CONNECTION UNIT INSTALLED ADJACENT TO THE MAIN PANEL.

THE EXISTING BOILERS, PUMPS, AND MECHANICAL CONTROL PANEL ARE TO BE RETAINED FOR USE IN THE NEW SCHEME. BOILER SUB-MAINS SHALL BE RETAINED SUBJECT TO CONDITION VERIFICATION.

THE CONTRACTOR SHALL INCLUDE FOR ADDITIONAL DATA OUTLETS REQUIRED FOR CCTV CAMERAS. REFER TO BIBLIOTHECA EQUIPMENT LAYOUT DRAWING FOR DETAILS.



Capital Programmes
Division

DRAWING STATUS INFORMATION

PROPERTY TITLE
Chorlton District Library
Manchester Road, Chorlton
M21 9PN

UPRN
010023047970

PROJECT TITLE
Open Libraries

DRAWING TITLE
Proposed Basement Power Layout

JOB NO.
LG44705.1

DATE
16.05.22

SCALE
1:50@A0

AUTHOR
TB

CHECKED BY
APPROVED BY

DRAWING NO.
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