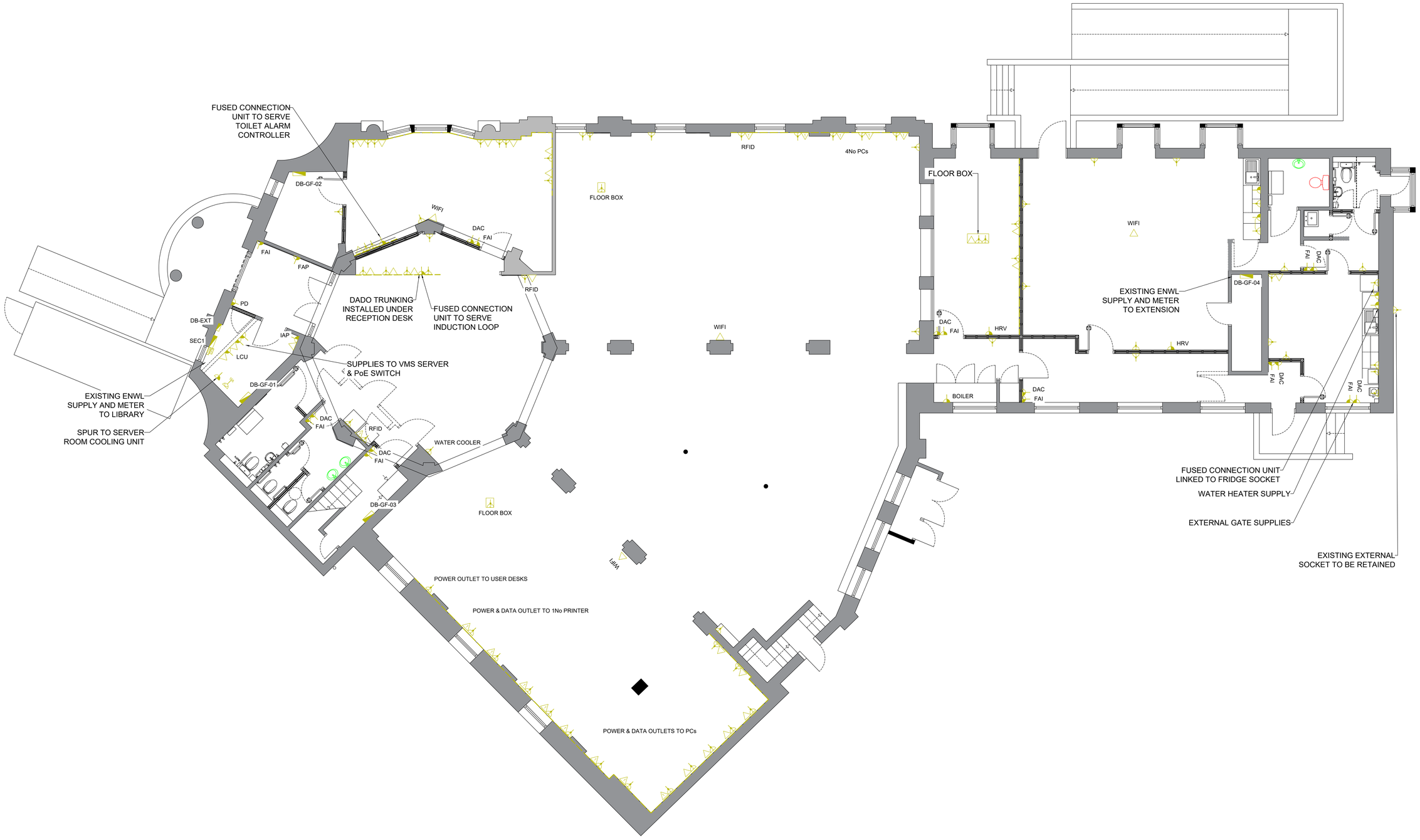

NOTES
1. All dimensions are in millimetres unless otherwise stated
2. This drawing is to be read with all other relevant documentation
3. Do not scale from this drawing, all measurement data should be taken directly from the model

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
- Single 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
- HRV Heat Recovery Ventilation

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 PECULIARITIES 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 RACK 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 2NO 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.

REV.	DESCRIPTION	DATE	BY

MANCHESTER CITY COUNCIL

Capital Programmes Division

Manchester City Council
PO Box 532, Town Hall
Manchester
M60 2LA

DRAWING STATUS: Information

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

UPRN: 010023047970 | DFE NO.: -

PROJECT TITLE: Building Fabric & External Repairs

DRAWING TITLE: Ground Floor Power Layout - Existing Building Layout

JOB NO.	DATE	REV
AMP44772-1	12.04.24	-

SCALE	AUTHOR	CHECKED BY	APPROVED BY
1:50@A0	TB		

DRAWING NO.: MCC-B01-GF-DR-E-0020

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1:50
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