



## SMALL POWER &amp; DATA LEGEND:

- UNSWITCHED SINGLE SOCKET OUTLET  
SWITCHED SINGLE SOCKET OUTLET  
TWIN SWITCHED SOCKET OUTLET  
BS EN 60309 SOCKET  
ISOLATOR (RATED AS INDICATED)  
SWITCH FUSED CONNECTION  
KEY SWITCHED FUSED CONNECTION  
POWER FLEX OUTLET PLATE  
ACCESS CONTROL FOR DOORS  
PUSH TO OPEN DOOR RELEASE BUTTON  
DESK POWER MODULE WITH:  
1No. TWIN SWITCHED SOCKET OUTLET  
1No. TWIN RJ45 DATA OUTLET  
DESK POWER MODULE WITH:  
2No. TWIN SWITCHED SOCKET OUTLET  
2No. TWIN RJ45 DATA OUTLET  
DESK POWER MODULE WITH:  
2No. TWIN SWITCHED SOCKET OUTLET  
1No. TWIN RJ45 DATA OUTLET  
2 COMPARTMENT FLOOR BOX WITH:  
1No. 13A TWIN SWITCHED SOCKET OUTLET  
1No. TWIN DATA OUTLET  
2 COMPARTMENT FLOOR BOX WITH:  
1No. 13A TWIN SWITCHED SOCKET OUTLET  
1No. SINGLE DATA OUTLET  
SINGLE RJ45 DATA OUTLET  
TWIN RJ45 DATA OUTLET  
QUAD RJ45 DATA OUTLET  
MULTI COMPARTMENT HORIZONTAL METALLIC TRUNKING WITH  
EPOXY FINISH - COLOUR TO BE CONFIRMED WITH ARCHITECT.  
UNDERDESK CABLE MANAGEMENT SYSTEM

## SMALL POWER NOTES:

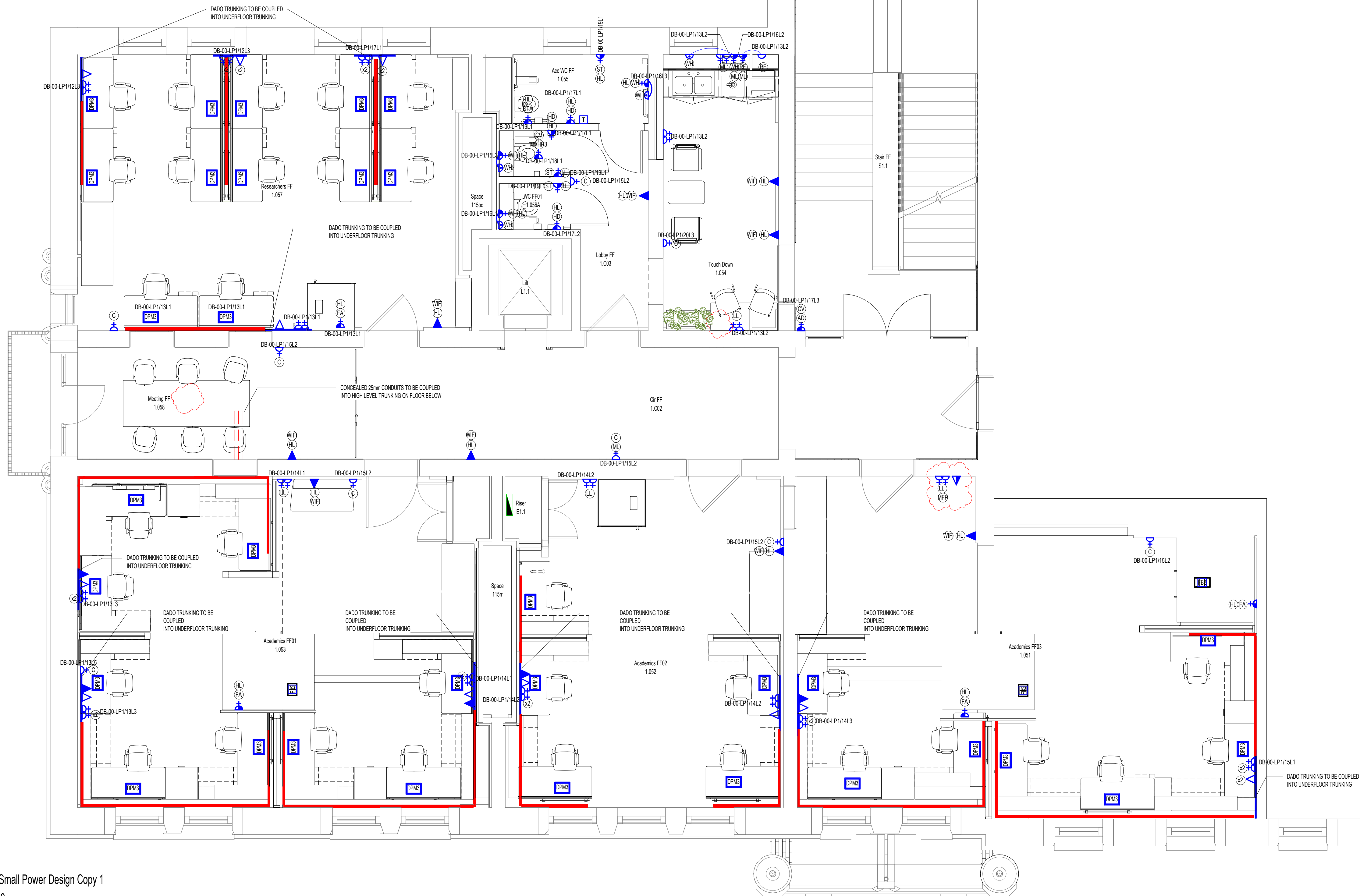
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT MECHANICAL AND ELECTRICAL SERVICES REPORT, SCHEDULES AND ASSOCIATED LAYOUT DRAWINGS.
- THE CONTRACTOR SHALL ENSURE FIRE BARRIERS ARE PROVIDED TO TRANSITION THROUGH FIRE COMPARTMENTS.
- FINAL CIRCUIT WIRING SHALL BE LSF SINGLES ROUTED IN GALVANISED STEEL TRUNKING.
- THE POSITIONS SHOWN FOR TRUNKING DROPS AND FLOOR CONTAINMENT ARE INDICATIVE. FINAL POSITIONS TO BE COORDINATED AND CONFIRMED.
- UNDERDESK CABLE MANAGEMENT SYSTEM TO BE BASKET FIXED TO THE FURNITURE.
- ALL EXPOSED CONTAINMENT SERVICES - INCLUDING CONDUIT AND TRUNKING DROPS SHALL BE FACTORY FINISHED, PAINTED OR SPRAYED WHITE - RAL 9010

## HOLD NOTES:

- HOLD 1 - AREA IN ABEYANCE. LOCATION OF DESKS TO BE COORDINATED WITH ARCHITECT TO FINALISE LV DISTRIBUTION STRATEGY TO DESKS. CURRENT STAGE 3 DESIGN IS BASED ON RELOCATING DESK TO PERIMETER WALLS.



PHOTO 8 - POWER POLE EXAMPLE



NOTES:  
THIS IS A DESIGN DRAWING NOT AN INSTALLATION DRAWING.  
DIMENSIONS SHOULD NOT BE SCALED.  
SITE DIMENSIONS TO BE CHECKED BEFORE PRODUCTION OF CRITICAL MANUFACTURING DRAWINGS.  
THE DRAWING IS COPYRIGHT AND NO PART MAY BE REPRODUCED WITHOUT WRITTEN CONSENT.

UNLESS INDICATED ON MULTI-COMPARTMENT TRUNKING OR OTHERWISE STATED ALL ACCESSORIES SHALL BE MOUNTED 450MM AFL TO UNDERSIDE:

- UL 100MM AFPL - DESK LEVEL  
ML 120MM AFPL - MID LEVEL  
TL 160MM AFPL - TELEVISION LEVEL  
HL 220MM AFPL - HIGH LEVEL  
CV LOCATED WITHIN CEILING VOID  
CM CEILING MOUNTED  
C DENOTES OUTLET MOUNTED TO SERVE CLEANERS SOCKET  
DA DENOTES OUTLET MOUNTED TO SERVE DOOR ACCESS CONTROL  
BMS DENOTES OUTLET MOUNTED TO SERVE BUILDING MANAGEMENT SYSTEM  
AD DENOTES OUTLET TO SERVE AUTOMATIC DOOR  
FA DENOTES OUTLET TO SERVE FAN  
FAR DENOTES OUTLET SERVE FIRE ALARM PANEL  
FARP DENOTES OUTLET TO SERVE FIRE ALARM REPEATER PANEL  
RARP DENOTES OUTLET TO SERVE DISABLED REFUSE ALARM PANEL  
SG DENOTES OUTLET TO SERVE SMARTSCAN GATEWAY  
ST DENOTES OUTLET TO SERVE SENSOR TAP  
SH DENOTES OUTLET TO SERVE SHOWER  
HD DENOTES OUTLET TO SERVE HAND DRYER  
WIF DENOTES OUTLET TO SERVE WIFI POINT  
WH DENOTES OUTLET TO SERVE WATER HEATER  
RF DENOTES OUTLET TO SERVE REFRIGERATOR  
DC DENOTES OUTLET TO SERVE DATA CABINET  
UPS UNINTERRUPTED POWER SUPPLY  
PD POWER DISTRIBUTION UNIT  
SPV SINGLE POLE AND NEUTRAL  
TPN THREE POLE AND NEUTRAL  
FVP OUTLET TO SERVE FACADE VENTILATION LOUVER PANEL  
OTA OUTLET TO SERVE DISABLED TOILET ALARM  
PL OUTLET TO SERVE A0 PLOTTER  
MFP OUTLET TO SERVE MULTIFUNCTIONAL PRINTER  
INT OUTLET TO SERVE INTERCOM SYSTEM/SCREEN

Rev C02  
STAGE 4 ISSUE - UPDATED TO SUIT ARCHITECTS C-SHEETS  
COMMENTS  
By: KO Chkd: DH Date: 08.11.24 App: AD

Rev C01  
STAGE 4 CONTRACT ISSUE  
By: JN Chkd: DH Date: 16.08.24 App: AD

Status A4 Description STAGE 4A COMPLETED Stage 4  
Client

MANCHESTER  
1824  
The University of Manchester

Project UNIVERSITY OF MANCHESTER RUTHERFORD BUILDING

Drawing  
ELECTRICAL SERVICES  
SMALL POWER, DATA & SECURITY  
FIRST FLOOR  
GENERAL ARRANGEMENT LAYOUT



NEWCASTLE ■ TEESIDE ■ YORKSHIRE ■ NORTH WEST

Drawing Number UOMRB-CAD-XX-01-DR-E-62001 Revision C02

Scale As indicated Size A1

Drawing Origins:  
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