Rev C04

Drawing Number UOMRB-CAD-XX-00-DR-E-62000

SMALL POWER & DATA LEGEND:

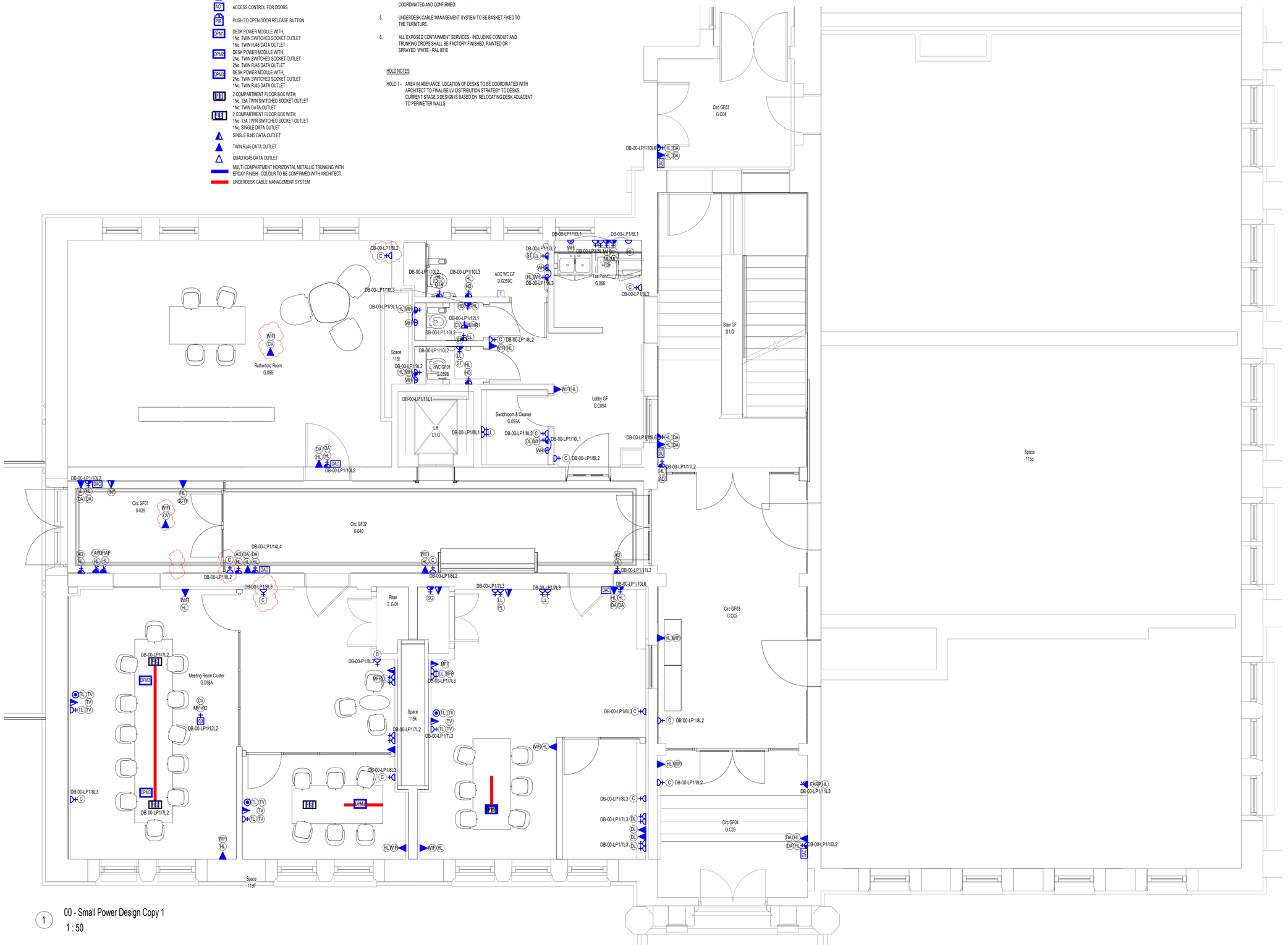
- UNSWITCHED SINGLE SOCKET OUTLET
- SWITCHED SINGLE SOCKET OUTLET
- TWIN SWITCHED SOCKET OUTLET
- BS EN 60309 SOCKET
- ISOLATOR (RATED AS INDICATED)
- SWITCH FUSED CONNECTION OUTLET
- KEY-SWITCHED FUSED CONNECTION
- POWER FLEX OUTLET PLATE
- (AC) ACCESS CONTROL FOR DOORS
- (PIR) PUSH TO OPEN DOOR RELEASE BUTTON
- (DPM1) DESK POWER MODULE WITH; 1No. TWIN SWITCHED SOCKET OUTLET 1No. TWIN RJ45 DATA OUTLET
- (DPM2) DESK POWER MODULE WITH; 2No. TWIN SWITCHED SOCKET OUTLET 2No. TWIN RJ45 DATA OUTLET
- (DPM3) DESK POWER MODULE WITH; 2No. TWIN SWITCHED SOCKET OUTLET 1No. TWIN RJ45 DATA OUTLET
- (FB1) 2 COMPARTMENT FLOOR BOX WITH; 1No. 13A TWIN SWITCHED SOCKET OUTLET 1No. TWIN DATA OUTLET
- (FB2) 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:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT MECHANICAL AND ELECTRICAL SERVICES REPORT, SCHEDULES AND ASSOCIATED LAYOUT DRAWINGS.
2. THE CONTRACTOR SHALL ENSURE FIRE BARRIERS ARE PROVIDED TO TRANSITION THROUGH FIRE COMPARTMENTS.
3. FINAL CIRCUIT WIRING SHALL BE LSF SINGLES ROUTED IN GALVANISED STEEL TRUNKING.
4. THE POSITIONS SHOWN FOR TRUNKING DROPS AND FLOOR CONTAINMENT ARE INDICATIVE. FINAL POSITIONS TO BE COORDINATED AND CONFIRMED.
5. UNDERDESK CABLE MANAGEMENT SYSTEM TO BE BASKET FIXED TO THE FURNITURE.
6. 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 ADJACENT TO PERIMETER WALLS.



1 00 - Small Power Design Copy 1

1 : 50

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 450MMAFFL TO UNDERSIDE :

- (DL) 1100MM AFFL - DESK LEVEL
- (ML) 1200MM AFFL - MID LEVEL
- (TL) 1600MM AFFL - TELEVISION LEVEL
- (HL) 2200MM AFFL - 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 MANAGMENT SYSTEM
- (AD) DENOTES OUTLET TO SERVE AUTOMATIC DOOR
- (FA) DENOTES OUTLET TO SERVE FAN
- (FAP) DENOTES OUTLET SERVE FIRE ALARM PANEL
- (FARP) DENOTES OUTLET TO SERVE FIRE ALARM REPEATER PANEL
- (DRAP) DENOTES OUTLET TO SERVE DISABLED REFUGE 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
- (WIFI) 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
- (PDU) POWER DISTRIBUTION UNIT
- SPN SINGLE POLE AND NEUTRAL
- TPN THREE POLE AND NEUTRAL
- (FVP) OUTLET TO SERVE FACADE VENTILATION LOUVRE PANEL
- (DTA) OUTLET TO SERVE DISABLED TOILET ALARM
- (PL) OUTLET TO SERVE A0 PLOTTER
- (MFP) OUTLET TO SERVE MULTIFUCTIONAL PRINTER
- (INT) OUTLET TO SERVE INTERCOM SYSTEM/SCREEN

Rev					
C04	STAGE 4 ISSUE - UPDATED TO SUIT MCC COMMENTS				
	By: KO	Chkd: DH	Date: 23.01.25	App: AD	
C03	STAGE 4 ISSUE - ACCESS CONTROL POINTS REVISED				
	By: KO	Chkd: DH	Date: 08.01.25	App: AD	
C02	STAGE 4 ISSUE - UPDATED TO SUIT ARCHITECTS C-SHEETS COMMENTS				
	By: KO	Chkd: DH	Date: 08.11.24	App: AD	
C01	STAGE 4 CONTRACT ISSUE				
	By: JN	Chkd: DH	Date: 16.08.24	App: AD	

Status	Description	Stage
A4	STAGE 4A COMPLETED	4

Client: The University of Manchester

Project: UNIVERSITY OF MANCHESTER RUTHERFORD BUILDING

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

CAD 21 LTD BUILDING SERVICES & ENERGY CONSULTING ENGINEERS
NEWCASTLE ◘ TEESSIDE ◘ YORKSHIRE ◘ NORTH WEST

Drawing Number	Revision
UOMRB-CAD-XX-00-DR-E-62000	C04

Scale	Size
As indicated	A1

Drawing Origins :
RBUM-IBI-XX-XX-M3-A-000002 Rev 241108