PROJECT I ORIGINATOR I ZONE I LEVEL I TYPE I ROLE I CLASS I NUMBER	REVISION
P1824-NOV-XX-02-DR-E-6201	P02

LINKED FILES
1073-TGA-XX-02-DR-A-03001-P3

POWER	
SYMBOL	REFERENCE
	TP&N DISTRIBUTION BOARD
X	SWITCHED SOCKET OUTLET
X	UNSWITCHED SOCKET OUTLET
X USB-C	SWITCHED SOCKET OUTLET C/W INTEGRAL TWIN USB-C CHARGING POINTS
	SWITCHED FUSED CONNECTION UNIT
	UNSWITCHED FUSED CONNECTION UNIT
xA xV xP	ISOLATOR (xA DENOTES RATING) (xV DENOTES VOLTAGE) (xP DENOTES NUMBER OF POLES)
xA xV xP	BSEN60309 IP RATED SWITCHED SOCKET OUTLET (xA DENOTES RATING) (xV DENOTES VOLTAGE) (xP DENOTES NUMBER OF POLES)
	SHAVER OUTLET
T	THERMOSTAT
EPH	ELEC PANEL HEATER

COMMUNICATIONS	
SYMBOL	REFERENCE
XY	VOICE/DATA OUTLET (X DENOTES "D" DATA, "T" TELEPHONE Y DENOTES "1" SINGLE, "2" DOUBLE)
Q	TV QUADPLEXER

ABBREVIATIONS	
ABBR	DESCRIPTION
@XXX	MOUNTING HEIGHT IN mm
AFFL	ABOVE FINISH FLOOR LEVEL
AWTL	ABOVE WORK TOP LEVEL
CV	CEILING VOID
FF	FRIDGE FREEZER
TR	TOWEL RAIL
FCU	AC CASSETTE UNIT
MVHR	MECHANICAL VENTILATION HEAT RECOVERY UNIT
S/T	S DENOTES SINGLE, T DENOTES TWIN

DISABLED ALARM & REFUGE	
SYMBOL	REFERENCE
D E	DISABLED ALARM PULL SWITCH
R	DISABLED ALARM RESET BUTTON
T	DISABLED ALARM AUDIBLE/VISUAL INDICATOR
RI	DISABLED ALARM REMOTE INDICATOR PANEL
D	DISABLED ALARM INDICATOR PANEL
E I	DISABLED REFUGE INTERCOM UNIT

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DO NOT SCALE OFF THIS DRAWING

DESIGNERS RISK ASSESSMENT
Under section 11, 18 - Construction (Design and Management) Regulations 2015

SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
There are no significant, unusual or location specific risks which are not obvious to a competent contractor or likely to be difficult to manage

SMALL POWER & DATA NOTES:

1. THIS LAYOUT SHALL BE READ IN CONJUNCTION WITH THE BUILDING SERVICES/MEP SPECIFICATION.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS.
3. ALL DIMENSION IN mm UNLESS OTHERWISE STATED.
4. THE SMALL POWER INSTALLATION SHALL BE INSTALLED IN ACCORDANCE WITH BS7671 18TH EDITION IET WIRING REGULATIONS AND APPLICABLE BRITISH STANDARDS.
5. THE SMALL POWER FINAL CIRCUIT CABLING WITHIN AREAS SUCH AS SWITCHROOMS, PLANTROOMS & EXTERNALS SHALL BE INSTALLED IN LSF/Cu SINGLES CABLES INSTALLED WITHIN GALVANISED STEEL TRUNKING/CONDUIT.
6. THE SMALL POWER FINAL CIRCUIT CABLING WITHIN ALL OTHER AREAS SHALL BE INSTALLED IN MULTICORE 6242B TWIN AND EARTH CABLE INSTALLED IN MEDIUM DUTY CABLE BASKET WITHIN THE CEILING VOIDS. DROPS TO OUTLETS SHALL BE INSTALLED DIRECT WITHIN STEEL GALVANISED CONDUITS TO THE RESPECTIVE OUTLET.
7. ALL SMALL POWER ACCESSORIES/OUTLETS TO GENERAL AREAS TO BE WHITE PVC FLUSH MOUNTED UNLESS DETAILED OTHERWISE. ALL SWITCH ROOMS, PLANT ROOMS, RISERS AND EXTERNALS WHICH SHALL BE OF THE METAL CLAD TYPE. A SAMPLE BOARD IS TO BE PROVIDED TO OBTAIN CLIENT & ARCHITECT SIGN OFF FOR THE RESPECTIVE ACCESSORIES/OUTLETS.
8. FINAL LOCATIONS AND HEIGHTS OF ACCESSORIES AND OUTLETS ARE TO BE AGREED WITH THE ARCHITECT AND CLIENT PRIOR TO INSTALLATION.
9. FINAL LOCATION OF ALL ACCESSORIES TO BE COORDINATED WITH THE FINAL TERMINATION AND ENTRY POINT OF ALL EQUIPMENT SO THEY ARE CORRECTLY POSITIONED TO AVOID EXCESSIVE, UNSIGHTLY LENGTHS OF CABLE.
10. ALL ACCESSORY BACK BOXES SHALL BE OF ADEQUATE DEPTH TO AVOID ANY UNDUE STRESS, STRAIN AND COMPRESSION ON THE CONDUCTORS AND ASSOCIATED TERMINATIONS.
11. FINAL CONNECTIONS TO ALL ITEMS OF MECHANICAL PLANT AND SPECIALIST EQUIPMENT TO BE PROVIDED WITH LOCAL MEANS OF ISOLATION. ALL CONTROLS WIRING TO BE PROVIDED BY THE SPECIALIST TO BE INSTALLED ON/WITHIN THE ELV SECTION OF THE PRIMARY CONTAINMENT.
12. POWER, CONTAINMENT AND ASSOCIATED BACK BOXES TO BE PROVIDED AS REQUIRED FOR ANY MECHANICAL SERVICES PLANT/EQUIPMENT ISOLATORS, CONTROLLERS, SENSORS, ACTUATORS AND THERMOSTATS ETC.
13. POWER, CONTAINMENT AND ASSOCIATED BACK BOXES TO BE PROVIDED AS REQUIRED FOR ANY FIRE/SECURITY SPECIALIST PLANT/EQUIPMENT.
14. ACOUSTICALLY LINED BACK BOXES SHALL BE PROVIDED BETWEEN ROOMS WHERE DEEMED NECESSARY TO MINIMISE ANY POTENTIAL FOR SOUND/NOISE TRANSFER BETWEEN ADJOINING ROOMS/AREAS.
15. PLEASE REFER TO THE SMALL POWER TECHNICAL SUBMISSION FOR THE PROPOSED EQUIPMENT AND ACCESSORY TYPES THROUGHOUT THE PROJECT. SAMPLES TO BE PROVIDED FOR CLIENT AND ARCHITECT SIGN OFF PRIOR TO INSTALLATION.
16. PLEASE REFER TO THE ACCOMPANYING CIRCUIT CHARTS FOR ALL SMALL POWER FINAL CIRCUIT CABLE SIZES/TYPES AND CIRCUIT PROTECTIVE DEVICE SIZES/RATINGS.
17. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ACCOMPANYING M & E SERVICES GENERAL ARRANGEMENT LAYOUTS.

3 Spatial Coordination

STA	REV	DESCRIPTION	DES	CHD	DATE
-	P02	UPDATED TO SUIT REVISED MECHANICAL DRAWINGS	CW	BD	24.02.23
-	P01	PRELIMINARY ISSUE	CW	BD	14.02.23

PURPOSE OF ISSUE
PRELIMINARY ISSUE

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CLIENT
DOMIS

PROJECT
LIVERPOOL ROAD
MANCHESTER

TITLE
ELECTRICAL SERVICES
SECOND FLOOR
SMALL POWER AND DATA LAYOUT

SMALL POWER AND DATA

SCALE	ORIGINAL SIZE	DATE
1:50	A1	JAN '23
DRAWN	DESIGNED	CHECKED
EG	CW	BD

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0 1 2 3 4 5m
1:50 SCALE