

ALL GREYED ITEMS ARE OUTSIDE THE SCOPE OF THIS DRAWING

#### ISOLATOR BANK

ISOLATORS TO BE LOCATED IN THE M&E CUPBOARD AS DESCRIBED BELOW.  
ALL METALCLAD. ALL SPURS TO BE CLEARLY IDENTIFIED AND MAP AND KEY TO BE DISPLAYED IN CUPBOARD:

5NO. 13A SWITCHED SPUR TO SUPPLY AUTOMATIC DOORS AD1-AD5 **DB-1/6L1**

5NO. 13A SWITCHED SPUR TO SUPPLY FAN COIL UNITS FCU:00:06-FCU:00:10 **DB-M/6L1**

1NO. 13A SWITCHED SPUR TO SUPPLY AHUs **DB-M/1L2**

2NO. 13A SWITCHED SPUR TO SUPPLY OVER DOOR HEATERS **DB-M/6L2**

1NO. 13A SWITCHED SPUR TO SUPPLY BLIND IN LIGHTWELL **DB-2/1L2**

1NO. 13A SWITCHED SPUR TO SUPPLY INDUCTION LOOP FOR RECEPTION AND STUDIO AREA **DB-2/1L2**

1NO. 13A SWITCHED SPUR TO SUPPLY SAFEGUARDING INTERCOM **DB-2/1L2**

3 GANG GRID SWITCH FOR PROJECTORS

RETAIN EXISTING WIRING TO ALL EXTERNAL ELECTRICAL SERVICES TO THE AWNING AREA. SCOPE TO BE DEVELOPED.

6 NO DSSOs TO BE PROVIDED FOR PRESENTATION SCREEN.

PROJECTORS TO BE SERVED BY REMOTE 3 GANG GRID SWITCH- LOCATED IN THE RECEPTION CUPBOARD.

ALLOWANCE FOR RECEPTION DESK SOCKETS. DETAILS TO BE DEVELOPED.

WELCOME SCREEN- DSSO AT LOW LEVEL ADJACENT TO RJ45 OUTLET IN CUPBOARD BELOW- REFER TO JFA ELEVATION


WELCOME SCREEN- DSSO AT LOW LEVEL ADJACENT TO RJ45 OUTLET IN CUPBOARD ADJACENT- REFER TO JFA ELEVATION.

#### LEGEND



 DISTRIBUTION BOARD


 PANEL BOARD


 TPN ISOLATOR

 SPN ISOLATOR

 DOUBLE SWITCH SOCKET OUTLET

 CONNECTION POINT: LOW LEVEL- CABLE OUTLET PLATE  
 HIGH LEVEL- MAINTENANCE FREE JUNCTION BOX

 FUSED CONNECTION UNIT

 SWITCHED FUSED CONNECTION UNIT

 UNSWITCHED SOCKET OUTLET

 GRID SWITCH


 16A COMMANDO SOCKET

 DISABLED ALARM CONTROL PANEL

 RSU RESET BUTTON

 ODL OVERHEAD DOOR LIGHT

 DISABLED PULL CORD

 XXX AV ITEM- REFER TO AV LAYOUTS FOR FURTHER INFORMATION

#### ABBREVIATIONS

AD AUTOMATIC DOOR  
AHU AIR HANDLING UNIT  
DAC DISABLED ALARM CONTROLLER PANEL  
DEP DOOR ENTRY PANEL  
DHP DOOR HOLD PANEL  
DW DISHWASHER  
EF EXTRACT FAN  
EH ELECTRIC HEATER  
FCU FAN COIL UNIT  
FR FRIDGE  
HD HAND DRYER  
IL INDUCTION LOOP  
MC METALCLAD  
MVRH MECHANICAL VENTILATION WITH HEAT RECOVERY  
MW MICROWAVE  
PH PANEL HEATER  
SS SECURITY SCANNER  
VRF VARIABLE REFRIGERANT FLOW

THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

#### NOTES

- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS INDICATED ARE IN MILLIMETRES.
- THIS IS NOT A CONSTRUCTION DRAWING.
- ALL ELECTRICAL WORKS SHALL COMPLY WITH 18TH EDITION IET WIRING REGS BS7671:2018/A2 (2022) INCLUDING ALL CURRENT AMENDMENTS AND GUIDANCE NOTES AND THE CURRENT BUILDING STANDARDS REGULATIONS.
- THE INSTALLATION SHALL ONLY BE CERTIFIED BY A PERSON OR A COMPANY HAVING MEMBERSHIP TO S.E.I.E.C.T. OR N.I.C.E.I.C. OR SIMILAR ELECTRICAL SCHEMES.
- THIS DRAWING IS NOT TO BE SCALED, FIGURED DIMENSIONS ONLY TO BE TAKEN.
- ELECTRICAL ACCESSORY POSITIONS ARE INDICATIVE ONLY. ELECTRICAL CONTRACTOR TO REFER TO JFA ARCHITECTS SETTING OUT DRAWINGS FOR EXACT DIMENSIONS / LOCATIONS.
- CONTRACTOR TO ALLOW FOR COORDINATION OF ALL MECHANICAL AND ELECTRICAL SERVICES THROUGHOUT.
- CONTRACTOR TO ALLOW FOR SITE COORDINATION WITH OTHER TRADE/SERVICE INSTALLATIONS.
- ALL FINAL CIRCUIT WIRING TO BE MULTICORE FLEXISHEILD TYPE.
- SOCKET / DATA OUTLETS TO BE FLUSH MOUNTED THROUGHOUT.
- SOCKET OUTLET FINISHES TBC BY JFA ARCHITECTS.
- SOCKET OUTLETS TO ALL PLANT / STORE SPACES TO BE SURFACE MOUNTED METAL CLAD.
- ALL ELECTRICAL OUTLETS TO BE FULLY AGREED / SIGNED OFF BY JFA ARCHITECTS PRIOR TO INSTALLATION.
- ALL CABLE / TV / DATA OUTLETS THROUGHOUT TO MATCH OUTLET FINISH WITHIN GIVEN SPACE.
- ALL FINAL WAP LOCATIONS TO BE CONFIRMED WITH AV SPECIALIST. ACCESS POINTS & ASSOCIATED POWER SERVICES TO BE CEILING MOUNTED.
- ACCESSORY PLATES WITHIN THE KITCHEN SHALL BE ENGRAVED WITH THE NAME OF EQUIPMENT SERVED (5mm BLACK LETTERING).
- THE ELECTRICAL CONTRACTOR SHALL ENSURE THAT SOCKET OUTLETS ETC. ARE NOT INSTALLED BACK TO BACK TO ENSURE THE ACOUSTIC INTEGRITY OF THE WALLS BETWEEN THEM IS MAINTAINED.
- EVERY SERVICE, FITTING AND PIECE OF EQUIPMENT IS PROVIDED SO AS TO SERVE A PURPOSE OF THE BUILDING REGULATIONS AND IS TO BE DESIGNED, INSTALLED AND COMMISSIONED IN SUCH A WAY TO FULFIL THOSE PURPOSES.
- ELECTRICAL CONTRACTOR TO ALLOW FOR INSTALLING, TESTING & COMMISSIONING OF ALL ACCESSORIES. THEN REMOVAL TO ALLOW FOR FINAL DECORATION.
- POWER SUPPLIES FOR ALL MECHANICAL PLANT ARE SUBJECT TO CHANGE. REFER TO MECHANICAL LAYOUTS FOR DETAILS.
- THIS DRAWING DOES NOT REMOVE THE CONTRACTORS RESPONSIBILITY TO:
  - PRODUCE THEIR OWN WORKING DRAWINGS.
  - TAKE ALL SITE DIMENSIONS AS REQUIRED.
  - COORDINATE WITH OTHER SERVICES AND THE BUILDING STRUCTURE

POWER SUPPLY FOR LIFT

ISOLATOR BANK

ISOLATORS TO BE LOCATED IN THE HIGH LEVEL CUPBOARD AS DESCRIBED BELOW.  
ALL METALCLAD. ALL SPURS TO BE CLEARLY IDENTIFIED AND MAP AND KEY TO BE DISPLAYED IN CUPBOARD:

2NO. 13A SWITCHED SPUR TO ELECTRIC HEATERS EH:00:01, EH:00:02 WITHIN STAIRWELL **DB-1/6L3**

2NO. 13A SWITCHED SPUR TO SUPPLY FAN COIL UNITS FCU:00:01, FCU:00:02 **DB-M/3L1**

3NO. 13A SWITCHED SPUR TO SUPPLY AHUS **DB-M/3L2** AHU.02 AHU.03 AHU.04

1NO. 13A SWITCHED SPUR TO SUPPLY INDUCTION LOOP TO OFFICE AND QUIET ROOM **DB-1/4L2**

2NO. DSSO FOR EACH VIDEO CONFERENCING SCREEN.

1NO. 13A SWITCHED SPUR TO SUPPLY FAN COIL UNIT FCU:00:04

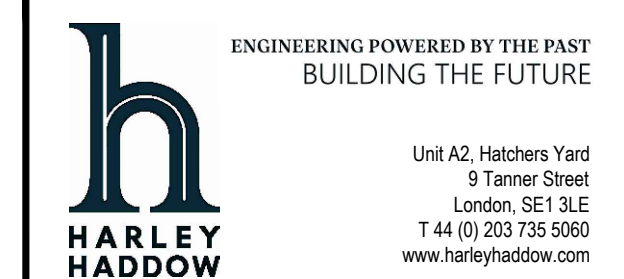
2NO. 13A SWITCHED SPUR TO SUPPLY FAN COIL UNIT FCU:00:03 & FCU:00:11 **DB-M/3L3**

1NO. 13A SWITCHED SPUR TO SUPPLY INDUCTION LOOP TO COMMUNITY ROOM

2NO. SWITCHED SPUR TO SUPPLY FAN COIL UNIT FCU:00:05  
EXTRACT FAN

P08	DRAFT TENDER ISSUE	JR	JR	A3	29.10.25
P07	STAGE 4B UPDATE	TG	JR	A3	18.07.25
P06	STAGE 4B UPDATE	JG	JR	A3	27.06.25
P05	STAGE 4B ISSUE	TG	JR	A3	13.06.25
P04	STAGE 4A ISSUE	JG	JR	A3	04.04.25
P03	STAGE 3 UPDATE	JG	JR	A3	16.12.24
P02	STAGE 3 ISSUE	TG	JR	A3	25.11.24
P01	STAGE 3 COORDINATION ISSUE	JG	JR	A3	08.11.24
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status: **DRAFT TENDER ISSUE**



Project: 313293  
**TOWER OF LONDON  
REVELLER**

Drawing Title:  
**GROUND FLOOR  
SMALL POWER  
LAYOUT**

Scale @ A1 1:100	Date NOV 2024	Engineer JR	Revision P08
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