

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

- 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.
- ALL SWITCHGEAR SHALL BE OF THE SAME MANUFACTURER.
- ALL DISTRIBUTION BOARDS TO BE SUPPLIED COMPLETE WITH SUITABLE INTEGRAL ISOLATORS.
- HEALTH, SAFETY AND SHOCK NOTICES TO BE PROVIDED WITHIN THE SWITCHROOM AND DISTRIBUTION BOARDS.
- ALL SWITCHGEAR TO BE SUITABLY FITTED WITH ENGRAVED TRAFFOLYTE LABELS (SCREW FIXED).
- THE MAIN PANELBOARD SHALL BE MANUFACTURED TO BS EN 61439-1.
- THE PANELBOARDS SHALL BE PROVIDED WITH AN ANTI-SURGE PROTECTION DEVICE AND MULTI-FUNCTION METERS (REFER TO SPECIFICATION FOR DETAILS) ON OUTGOING WAYS DETAILED ON THE SCHEMATIC.
- THE PANEBOARD SHALL ALSO HAVE A MULTI-FUNCTION METER INSTALLED ON THE INCOMING SUPPLY.
- MANUFACTURERS PANELBOARD DETAILS TO BE APPROVED BY ENGINEER PRIOR TO ORDERING EQUIPMENT.
- ELECTRICAL CONTRACTOR TO CONFIRM ALL SUB-MAINS CABLE LENGTHS TO ENGINEER PRIOR TO ORDERING CABLE.
- THE ELECTRICAL CONTRACTOR SHALL INCLUDE FOR CARRYING OUT ALL FINAL CONNECTIONS BETWEEN ISOLATORS AND FIXED EQUIPMENT AS DETAILED ON THE DRAWING.
- PANELBOARD TO BE COMPLETE WITH CABLEWAYS AS REQUIRED AND SUITABLE FOR BOTTOM ENTRY/TOP EXIT.
- ALL PANELBOARDS TO BE COMPLETE WITH METERING EXTENSION BOXES.
- ALL SUB-MAINS CABLES SHALL BE COMPLETE WITH CRITCHELEY CABLE MARKERS AT SOURCE, THROUGH ALL PENETRATIONS AND AT EACH END.
- AN A3 DRAWING OF THE AS-FITTED DISTRIBUTION SCHEMATIC SHALL BE FRAMED AND HUNG IN A VISIBLE LOCATION ADJACENT TO THE MAIN PANELBOARD.

LEGEND

- DISTRIBUTION BOARD
- BUILDING MANAGEMENT SYSTEM (BMS)
- PROTECTIVE DEVICE (SEE DETAILS)
- SPN ISOLATOR
- TPN ISOLATOR
- METER
- CT METER
- FIRE ALARM REPEATER PANEL
- SECURITY PANEL
- AUTOMATIC TRANSFER SWITCH
- LV CIRCUIT
- LIFE SAFETY CIRCUIT
- FIRE ALARM CIRCUIT

PROTECTIVE DEVICE LEGEND

REFERENCE	-
RATING	-
DEVICE TYPE	-
SPN/TPN	-

P06	DRAFT TENDER ISSUE	TG	JR	AJ	29.10.25
P05	STAGE 4B UPDATE	JG	JR	AJ	18.07.25
P04	STAGE 4B ISSUE	TG	JR	AJ	13.06.25
P03	STAGE 4A ISSUE	JG	JR	AJ	04.04.25
P02	STAGE 3 ISSUE	JG	JR	AJ	25.11.24
P01	STAGE 2 ISSUE	JG	JR	AJ	24.05.24
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status:
DRAFT TENDER ISSUE



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**TOWER OF LONDON
REVELLER**

Drawing Title:
LV SCHEMATIC

Scale @ A1 1:100	Date NOV 2024	Engineer JG/JR
Drawing No. 313293-HAH-01-XX-D-E-06002	Revision P06	

