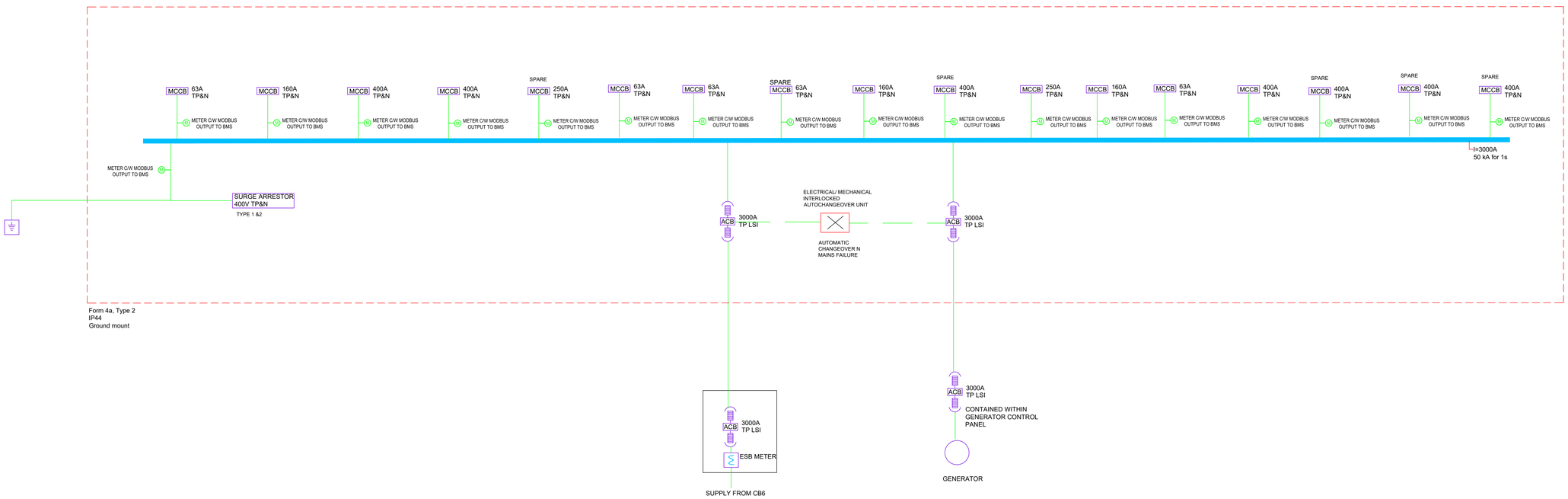


NOTES

ALL INFORMATION WITHIN THESE DRAWINGS IS THE INTELLECTUAL THE PROPERTY OF BDP AND SHALL ONLY BE USED FOR THE PROJECTS AND PROJECT STAGES WITH APPROVAL FROM BDP.

DO NOT SCALE FROM THIS DRAWING WITHOUT CONFIRMING WITH BDP. CHECK ALL DIMENSIONS ON SITE AND ENSURE EQUIPMENT FITS PRIOR TO ORDERING.

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTATION. INCLUDING DRAWINGS FROM OTHER PROFESSIONS.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF THE MECHANICAL AND ELECTRICAL SERVICES AND THEIR CO-ORDINATION WITH ALL OTHER BUILDING ELEMENTS.

1. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS AND DOCUMENTATION

2. CO-ORDINATE MECHANICAL AND ELECTRICAL SERVICES AND THEIR CO-ORDINATION WITH ALL OTHER BUILDING ELEMENTS PRIOR TO INSTALLATION

3. MAIN INCOMING ACB/MCCB SHALL HAVE A RATED PROSPECTIVE SHORT CIRCUIT CURRENT OF NOT LESS THAN 40 KA AT A POWER FACTOR OF 0.2, AND SHALL BE TESTED TO P2 CATEGORY IEC157-1

4. MAIN INCOMING ACB TO BE 4 POLE WITHDRAWABLE ACB - TYPE ABB SACE EMAX WITH PR111 MICROPROCESSOR TRIP UNIT, OR EQUAL AND APPROVED. SUB-FEEDERS TO BE 4 POLE MCCB'S - TYPE ACC SACE ISOMAX S WITH THERMOMAGNETIC RELAYS (T ADJUSTABLE, M FIXED 5 X ITH), OR EQUAL AND APPROVED

5. BUSBARS SHALL BE HDHC COPPER OF UNIFORM CROSS SECTION AND SHALL COMPLY FULLY WITH BS 159. THE BUSBAR SYSTEM SHALL BE TYPE TESTED IN ACCORDANCE WITH IEC 439 AND BE CAPABLE OF CARRYING THE CONTINUOUS LOAD CURRENT AS SPECIFIED ELSEWHERE IN THE DOCUMENT

6. BUSBAR CONNECTIONS UP TO 63 AMP MAY BE EFFECTED BY MEANS OF CABLE, BRACED AND SUPPORTED AS NECESSARY, WHEREAS CONNECTIONS ABOVE 63 AMP SHALL BE MADE BY MEANS OF HDHC RECTANGULAR SECTION COPPER BUSBAR, INSULATED AND SUPPORTED AS NECESSARY.

7. TIME SWITCHES SHALL BE 7 DAY, 24 HOUR TYPE, COMPLETE WITH DAY OMISSION AND 36 HOUR SPRING RESERVE.

8. INSTALLATION RADII ON MEDIUM VOLTAGE CABLING SHALL BE AS LARGE AS POSSIBLE AND SHALL IN NO INSTANCE BE LESS THAN 18 TIMES THE OVERALL CABLE DIAMETER.

9. APPPROVAL/COMMENT /VERIFICATION OF WORKING OR MANUFACTURING DRAWINGS SUBMITTED BY THE CONTRACTOR SHALL NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY IN RESPECT OF THE ACCURACY OF ALL SUCH DRAWINGS NOR FROM THEIR RESPONSIBILITY FOR PROVIDING EQUIPMENT SUITABLE IN DIMENSIONS, CONSTRUCTION AND FINISH FOR THE LOCATION IN WHICH IT IS TO BE INSTALLED

	EARTH PIT
ACB 3000A TP&N	AIR CIRCUIT BREAKER
3000A TP&N	FUSE
MCCB 400A TP&N	MCCB
	CT METER
	LAMP
VT	VOLTAGE TRANSFORMER
MFM DIRIS A40 C/W MODBUS	MULTIFUNCTION METER, DIRIS A40 COMPLETE WITH MODBUS COMMUNICATION

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
T01	DRAFT - TENDER ISSUE	LVS	BMG	24/03/2025
2A	STAGE 2A RE-ISSUE	LVS	BMG	14/02/2025
2A	STAGE 2A ISSUE	LVS	BMG	31/01/2025

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BDP.

PROJECT TITLE
ST. JAME'S HOSPITAL ELECTRICAL INFRASTRUCTURE UPGRADE

DRAWING TITLE
ENERGY CENTER DB REPLACEMENT

SCALE @ A1
NTS

DATE
MAY 06

PROJECT NUMBER
P3004408

DRAWING No.
(6-)E001

REVISION
T01