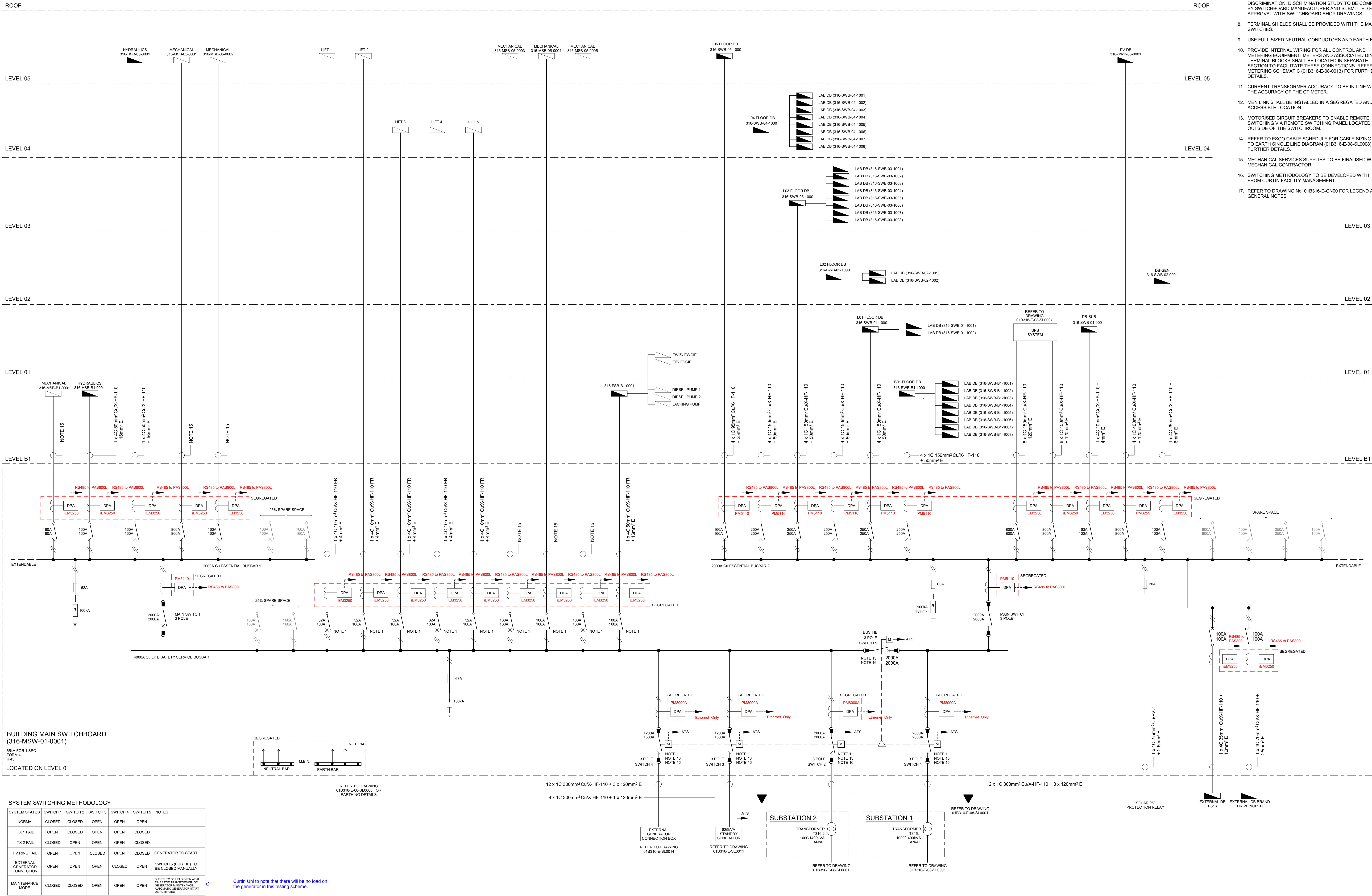




NOTES

1. PROVIDE ENGRAVED LABELS TO READ 'IN THE EVENT OF A FIRE DO NOT SWITCH OFF'.
2. ALL SAFETY SERVICES SHALL BE COMPLETE WITH RED ESCUTCHEONS.
3. CONSTRUCTED USING A MINIMUM OF 1.6mm THICK SHEET METAL.
4. ALL DOORS TO BE HINGED AND LOCKABLE. ESCUTCHEONS TO HAVE LOCATING PINS, THUMB SCREWS, GASKETS AND HANDLES. ESCUTCHEON PLATES SHALL ALLOW FOR THE EXTRUSION OF THE METERING UNITS. LIGHTING CONTROL EQUIPMENT AND SURGE DIVERTERS.
5. PROVIDE SWITCHBOARDS WITH SUITABLE NONFERROUS GLAND PLATES AT ALL DESIGNATED CABLE ENTRY POINTS.
6. SPARE MCCB AND ACB SPACES TO BE PROVIDED WITH SPACE FOR kWh METER COMPLETE WITH CURRENT TRANSFORMER AND PROTECTIVE FUSES.
7. CIRCUIT BREAKERS SHALL PROVIDE FULL CASCADING AND DISCRIMINATION. DISCRIMINATION STUDY TO BE COMPLETED BY SWITCHBOARD MANUFACTURER AND SUBMITTED FOR APPROVAL WITH SWITCHBOARD SHOP DRAWINGS.
8. TERMINAL SHIELDS SHALL BE PROVIDED WITH THE MAIN SWITCHES.
9. USE FULL SIZED NEUTRAL CONDUCTORS AND EARTH BARS.
10. PROVIDE INTERNAL WIRING FOR ALL CONTROL AND METERING EQUIPMENT. METERS AND ASSOCIATED DIN RAIL TERMINAL BLOCKS SHALL BE LOCATED IN SEPARATE SECTION TO FACILITATE THESE CONNECTIONS. REFER TO METERING SCHEMATIC (01B316-E-08-SL0008) FOR FURTHER DETAILS.
11. CURRENT TRANSFORMER ACCURACY TO BE IN LINE WITH THE ACCURACY OF THE CT METER.
12. MEN LINK SHALL BE INSTALLED IN A SEGREGATED AND ACCESSIBLE LOCATION.
13. MOTORISED CIRCUIT BREAKERS TO ENABLE REMOTE SWITCHING VIA REMOTE SWITCHING PANEL LOCATED OUTSIDE OF THE SWITCHROOM.
14. REFER TO ESCO CABLE SCHEDULE FOR CABLE SIZING. REFER TO EARTH SINGLE LINE DIAGRAM (01B316-E-08-SL0008) FOR FURTHER DETAILS.
15. MECHANICAL SERVICES SUPPLIES TO BE FINALISED WITH MECHANICAL CONTRACTOR.
16. SWITCHING METHODOLOGY TO BE DEVELOPED WITH INPUT FROM CURTIN FACILITY MANAGEMENT.
17. REFER TO DRAWING No. 01B316-E-GN00 FOR LEGEND AND GENERAL NOTES

Electrical Contractor

REVISIONS			
REV	CHECKED	DATE	DESCRIPTION

A

CLIENT
CURTIN UNIVERSITY

PROJECT
B316 SCIENCES PROJECT
KENT STREET, BENTLEY, PERTH
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CHECK SITE DIMENSIONS AND VERIFY DRAWINGS PRIOR TO CONSTRUCTION

DRAWING TITLE
ELECTRICAL SERVICES - LV
SINGLE LINE DIAGRAM
BUILDING MSB

PROJ No:
DWG STATUS: **FOR INFORMATION ONLY**

SHEET SIZE: A0
SCALE: N.T.S.
NORTH:

DRAWN: ☒ CHECKED: ☐ APPROVED: ☐

CLIENT APPROVAL: ☐
DWG No: ISSUE: **A**