

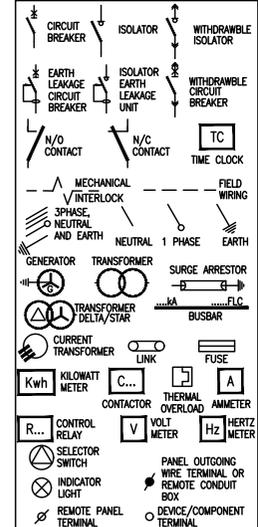
TO SHEET 2

- NOTES**
- 1) DROPPERS/TAILS TO BE RATED FOR FULL PLET THROUGH.
 - 2) HARNESSED WIRING TO BE DERATED.
 - 3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10kA.
 - 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
 - 5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
 - 6) EARTH AND NEUTRAL BARS TO BE EASILY ACCESSIBLE.
 - 7) ALL CIRCUIT BREAKERS TO BE FITTED WITH TERMINAL SHIELD ON LIVE AND LOAD SIDES.
 - 8) ENCLOSURE TO BE IP54.
 - 9) PHASING RWB, TOP TO BOTTOM, LEFT TO RIGHT, BACK TO FRONT.
 - 10) INTERNAL TEMP TO BE LIMITED TO 5° ABOVE AMBIANT, MAX 40°C.
 - 11) ALL CIRCUITS TO BE LABELED.
 - 12) 25% SPARE SPACE. SPARE SPACES ARE TO BE FITTED WITH COPPER BUSBAR TAILS CONNECTED TO DROPPER BUSBARS TO ALLOW INSTALLATION OF CIRCUIT BREAKERS WITH A MINIMAL SHUTDOWN PERIOD.
 - 13) DB TO BE FITTED WITH A4 LEGEND CARD HOLDER WITH STANDARD IBUYA A4 LEGEND CARD.
 - 14) EACH CIRCUIT TO BE LABELED WITH DETAILED DESCRIPTION OF CONNECTED DEVICE.
 - 15) EXTERNAL EARTH STUD MOUNTED ADJACENT CABLE ENTRY.

- DRAWING NOTES**
- ① CLASS 1+2 SURGE ARRESTORS.
- | | |
|--------------------|-------------------------|
| INCOMING | -TOP/BOTTOM |
| OUTGOING CIRCUITS | -TOP/BOTTOM |
| COLOUR | -EXTERNAL - ORANGE |
| | -INTERNAL - ORANGE |
| MOUNTING | -WALL MOUNTED |
| ACCESS | -FRONT |
| PROTECTIVE DEVICES | -SCHNEIDER |
| ACB'S (800A-4000A) | -MASTERPACT NW |
| MCCB'S (630A-800A) | -COMPACT NS |
| MCCB'S (100A-630A) | -COMPACT NSX (NEW GEN) |
| MCCB'S (60A-100A) | -COMPACT NSXm (NEW GEN) |
| MCB'S | -MULTI 9, TYPE 2 |
| CONTACTORS | -AC3 HEAVY DUTY |
| METERS | -SCHNEIDER |
| SURGE PROTECTION | -DEHN GUARD |

FIELD	
CIRCUIT No.	
PHASE	
DESIGNATION	
WIRING	
LOAD (AMPS)	
No. OF POINTS	

INCOMER - DB-2A													
SWITCHED SOCKET OUTLET													
SWITCHED SOCKET OUTLET													
SWITCHED SOCKET OUTLET													
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ENGINEER	KS	DRAWN	SVJ	DATE:	Jan'26	SCALE:	NTS	CHKD.	MK
PAPER SIZE:	A3	SHEET:	1 of 2	REV.	0				
PROJECT No.	25024	DRAWING No.	423						
REV	0	DESCRIPTION	Original Issue	BY	KS	DATE	14/01/26	CHKD.	MK
File Name : 25024_423_0				Lyr:					

TITLE	DPWI Ulindi Legislative Building LA Building
DRAWING TITLE:	DB-2B (Non - Essential) Distribution Board Single Line Diagram

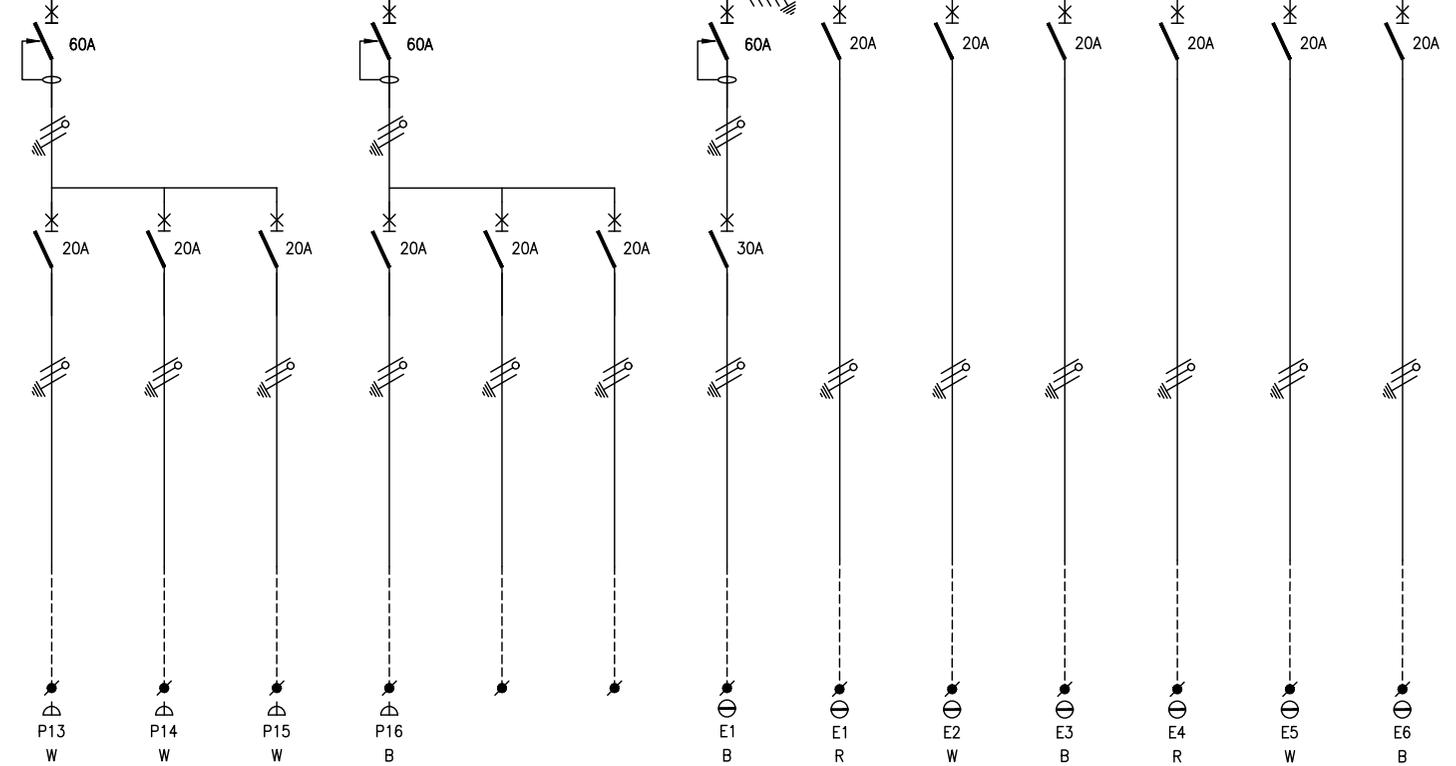


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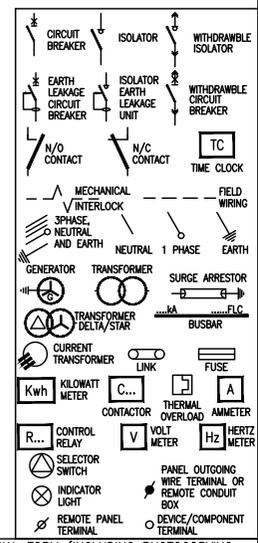
FROM SHEET 1 100 AMP BUSBAR, 5kA FAULT LEVEL TO SHEET 3



FIELD CIRCUIT No. PHASE	DESIGNATION	WIRING	LOAD (AMPS)	No. OF POINTS
P13 W	SWITCHED SOCKET OUTLET	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
P14 W	SWITCHED SOCKET OUTLET	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
P15 W	SWITCHED SOCKET OUTLET	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
P16 B	SWITCHED SOCKET OUTLET	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
P17	SPARE		XX	X
P18	SPARE		XX	X
E1 B	GEYSER	3x6mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E2 R	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E3 W	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E4 B	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E5 R	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E6 W	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X
E7 B	EQUIPMENT	3x4mm ² PVC INSULATED Cu CONDUCTORS	XX	X

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KS	SVJ	Jan'26	NTS PAPER SIZE: A3	MK
PROJECT No.	DRAWING No.	SHEET:		
25024	423	2 of 3		
REV	DESCRIPTION	BY	DATE	CHKD.
0	Original Issue	KS	14/01/26	MK

TITLE
**DPWI Ulindi Legislative Building
 LA Building**

DRAWING TITLE:
**DB-2B (Non - Essential)
 Distribution Board
 Single Line Diagram**

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