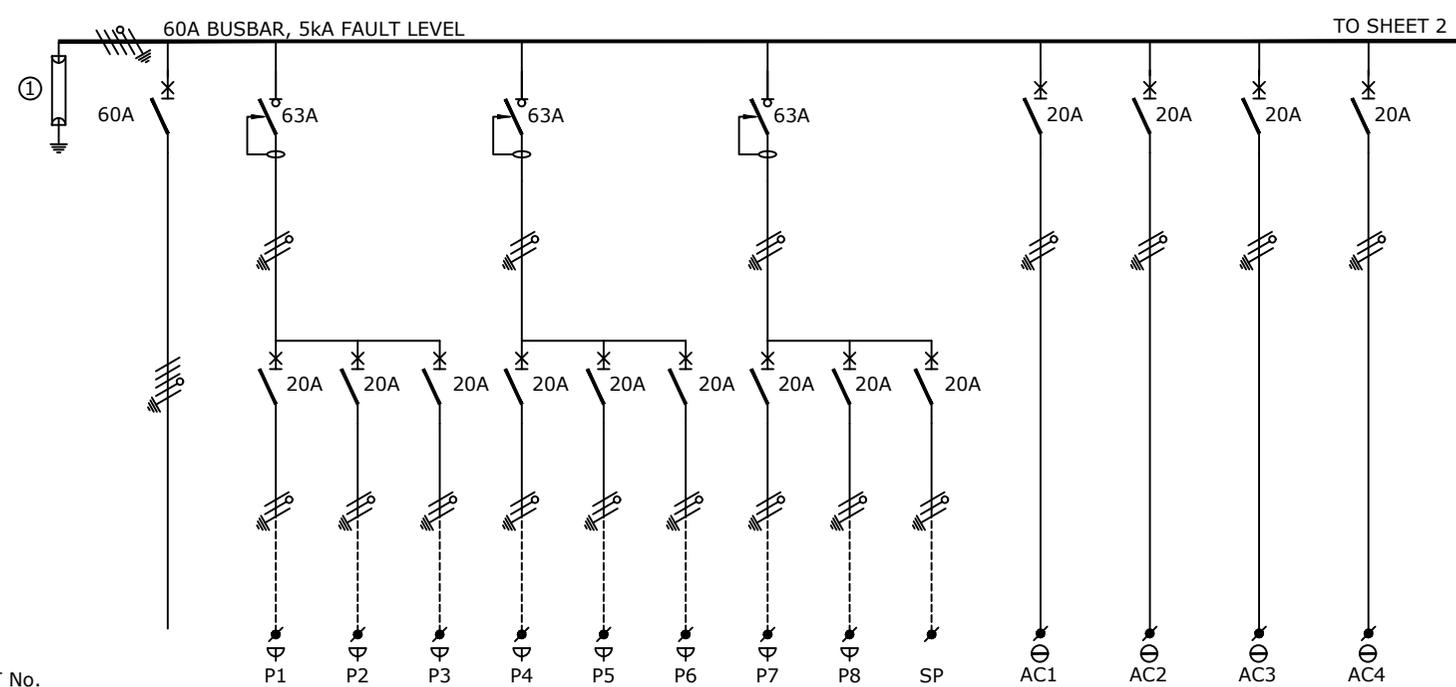


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NOTES

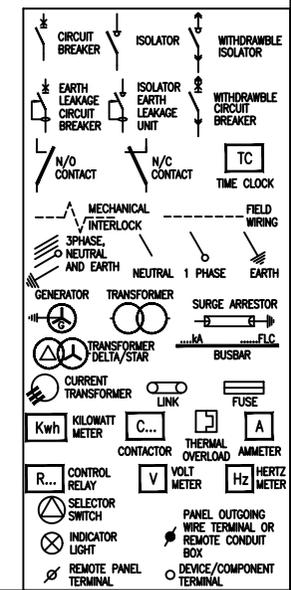
- ① CLASS 2 SURGE ARRESTOR
- 1) DROPPERS/TAILS TO BE RATED FOR FULL P_r LET THROUGH.
- 2) HARNESSING WIRING TO BE DERATED.
- 3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10KA.
- 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
- 5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
- 6) EARTH AND NEUTRAL 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.

- INCOMING CABLE -TOP/BOTTOM
 OUTGOING CIRCUITS -TOP/BOTTOM
 COLOUR -ORANGE (N/E)
 MOUNTING -RED (E)
 ACCESS -SURFACE
 -FRONT
 PROTECTIVE DEVICES -SCHNEIDER
 ACB's (1250A-4000A) -MASTERPACT NW
 MCCB'S(800A - 1000A) -COMPACT NS
 MCCB'S(60A-630A) -EASYPACT CSV
 MCB'S -MULTI 9, TYPE 2
 CONTACTORS -AC3 HEAVY DUTY



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

INCOMER FROM DB-LGF	SOCKET OUTLET	SPARE	AIRCON	AIRCON	AIRCON	AIRCON								
16mm ² 4C PVC SWA PVC ECC Cu CABLE	3x4mm ² Cu PVC INSULATED WIRE													
	XX													
	XX													



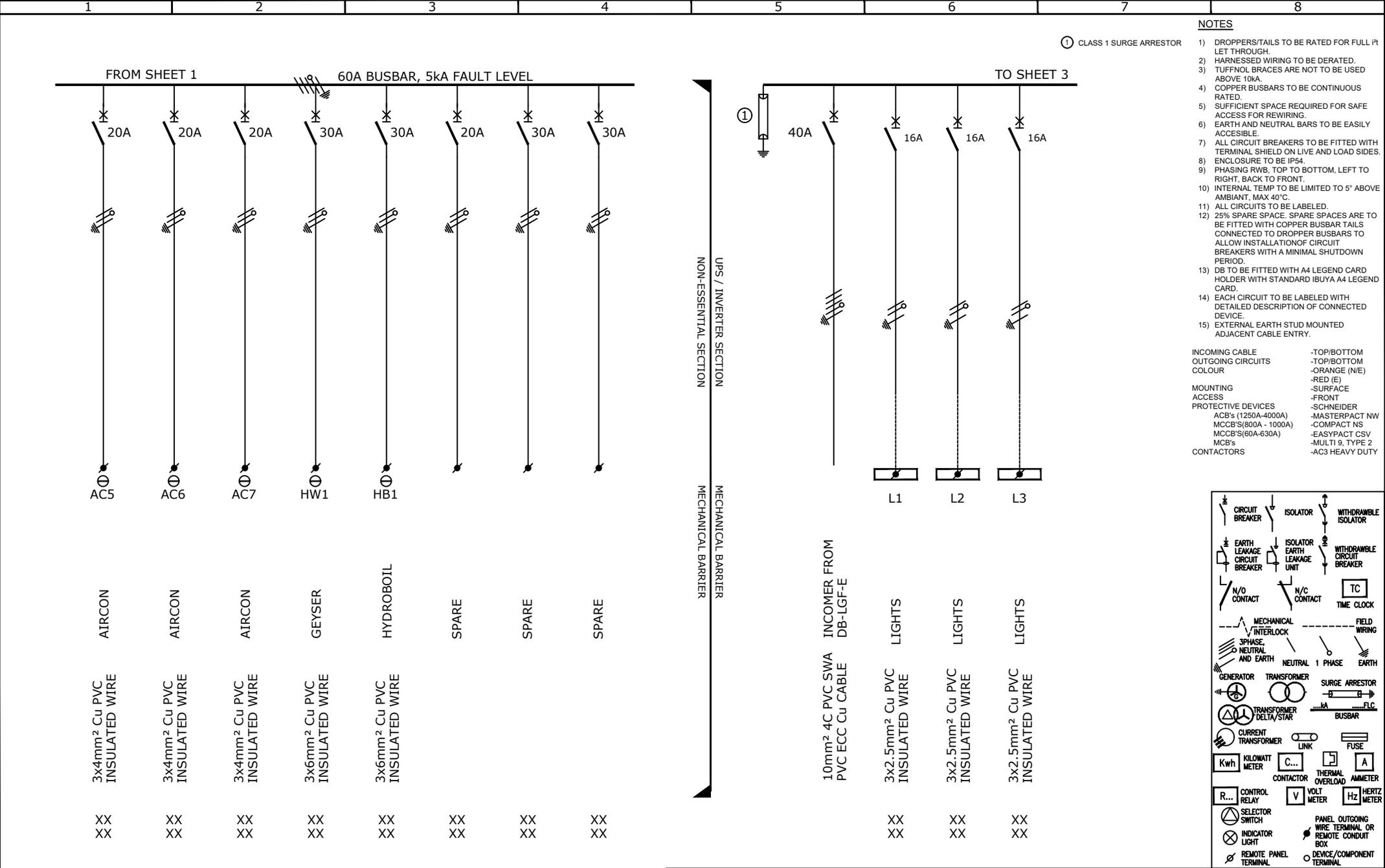
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ENGINEER	DRAWN	DATE:	SCALE:	CHKD.	DRAWING TITLE:
K.Singh	NG	22/08/24	NTS PAPER SIZE: A3	KS	SAPS MSINSINI POLICE STATION
PROJECT No.	DRAWING No.	SHEET:	REV.	DRAWING TITLE:	
23044	408	1 of 4	0	DB - LGF / LGF-E Single Line Diagram	
REV	DESCRIPTION	BY	DATE	CHKD.	File Name : Lyr:
0	Original Issue	NG	27/05/25	KS	

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ENGINEER	DRAWN	DATE:	SCALE:	CHKD.
K.Singh	NG	22/08/24	PAPER SIZE: A3	KS
PROJECT No.	DRAWING No.	SHEET:	REV.	
23044	404	2 of 4	0	
REV	DESCRIPTION	BY	DATE	CHKD.
0	Original Issue	NG	27/05/25	KS

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DRAWING TITLE: **SAPS MSINSINI POLICE STATION**

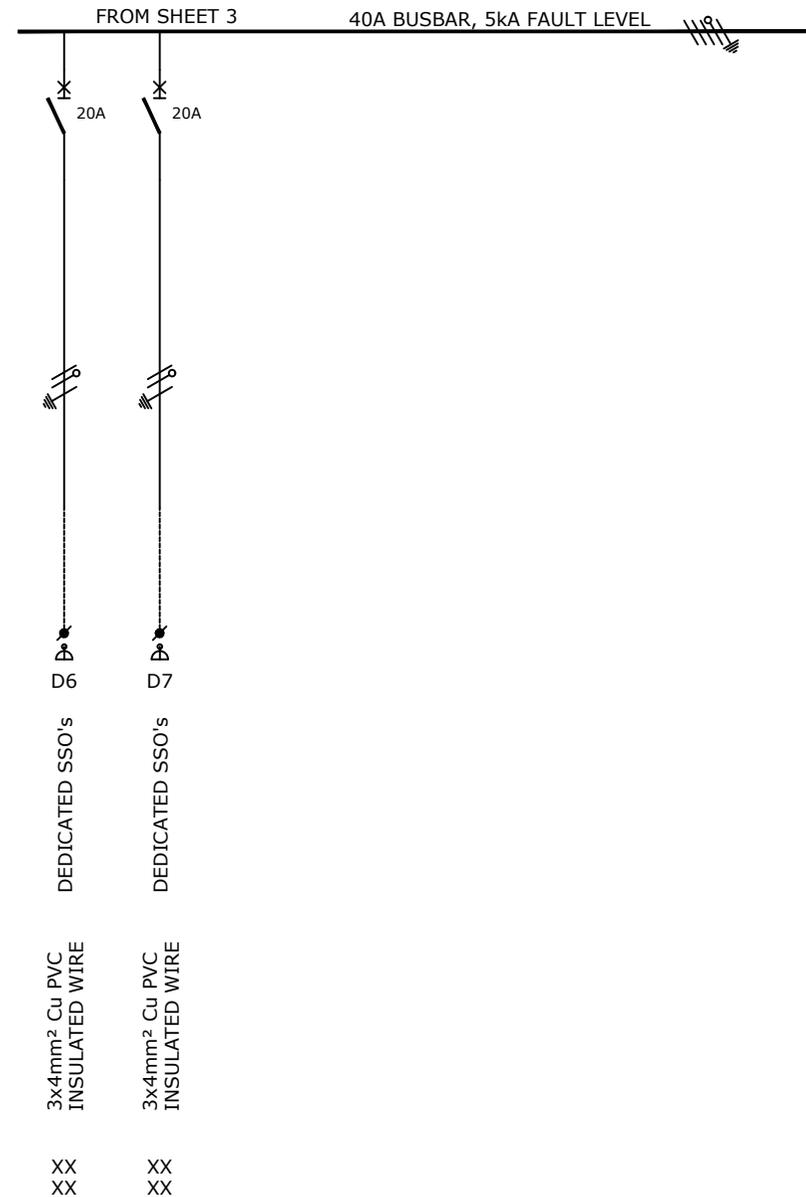
DRAWING TITLE: **DB - B / BE Single Line Diagram**

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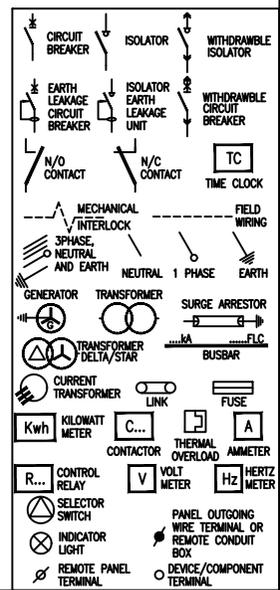
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NOTES

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 - 1) DROPPERS/TAILS TO BE RATED FOR FULL PLET THROUGH.
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K.Singh	NG	22/08/24	NTS PAPER SIZE: A3	KS
PROJECT No.	DRAWING No.	SHEET:	REV.	
23044	404	4 of 4	0	
REV	DESCRIPTION	BY	DATE	CHKD.
0	Original Issue	NG	27/05/25	KS

DRAWING TITLE:	SAPS MSINSINI POLICE STATION
DRAWING TITLE:	DB - B / BE Single Line Diagram

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