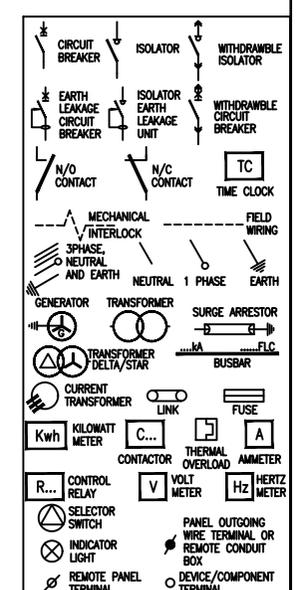


- NOTES**
- CLASS 2 SURGE ARRESTOR
 - 1) DROPPERS/TAILS TO BE RATED FOR FULL P.I. LET THROUGH.
 - 2) HARNESSING WIRING TO BE DERATED.
 - 3) TUFFNOL BRACES ARE NOT TO BE USED ABOVE 10KA.
 - 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
 - 5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
 - 6) EARTH 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	INCOMER FROM MAIN LV KIOSK	SOCKET OUTLET	AIRCON	AIRCON	AIRCON								
WIRING	25mm ² 4C PVC SWA PVC ECC Cu CABLE	3x4mm ² Cu PVC INSULATED WIRE											
CABLE NO.													
LOAD (AMPS)		XX											
No. OF POINTS		XX											



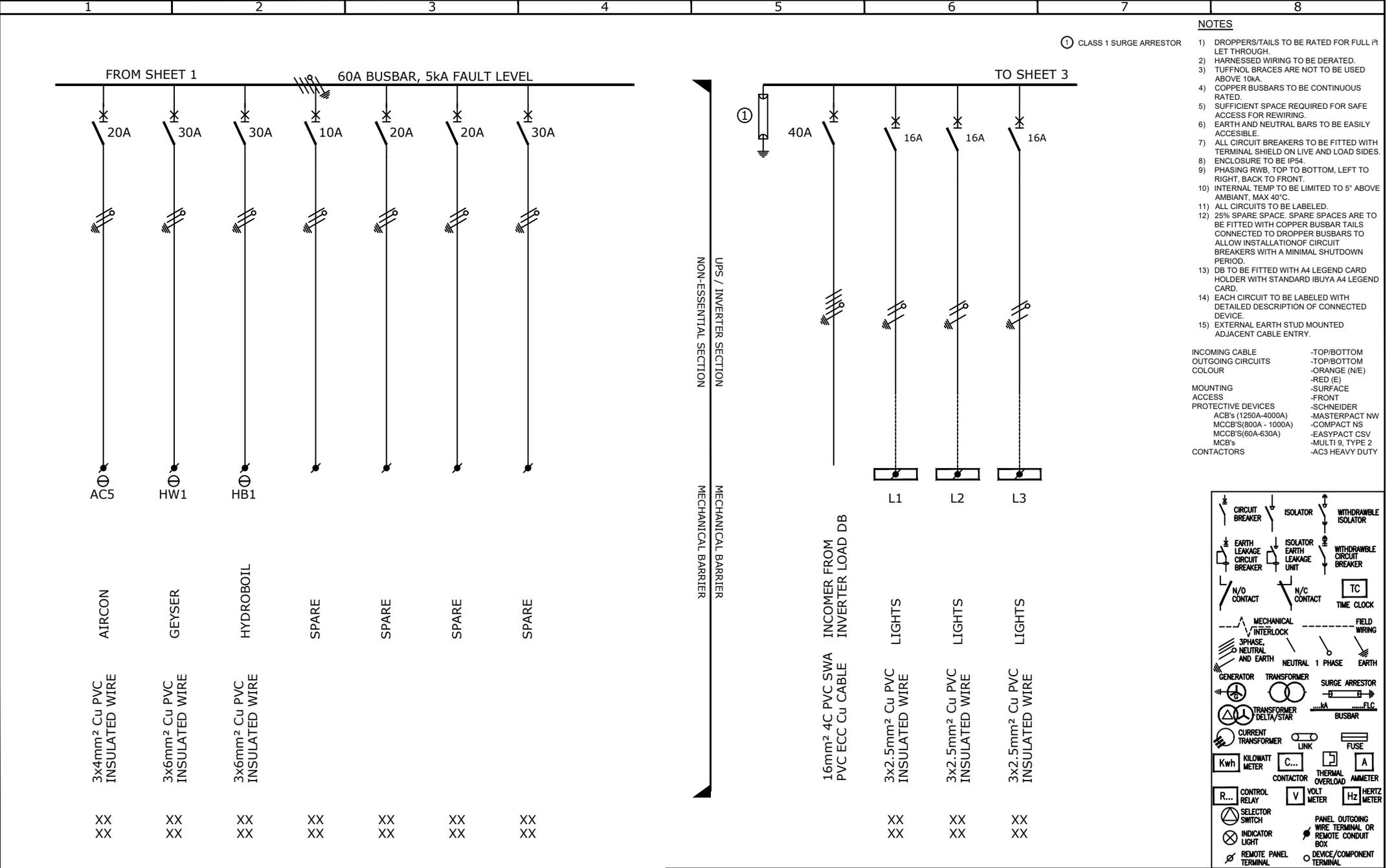
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K.Singh	NG	22/08/24	NTS PAPER SIZE: A3	KS	SAPS MSINSINI POLICE STATION
PROJECT No.	DRAWING No.	SHEET:	REV.	DRAWING TITLE:	
23044	404	1 of 4	0	DB - B / BE Single Line Diagram	
REV	DESCRIPTION	BY	DATE	CHKD.	File Name : Lyr:
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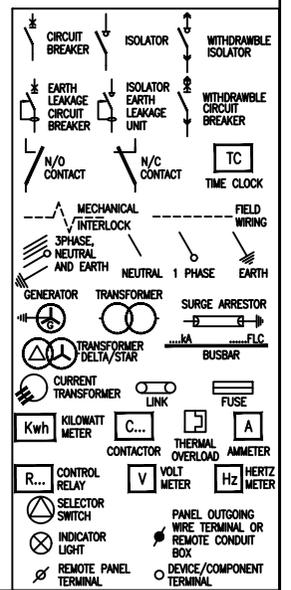
IBUYA Consulting Engineers
 "POWERING DEVELOPMENT"

BLOCK D
 ESSEX PARK
 46 ESSEX TERRACE
 WESTVILLE
 P.O. BOX 1692
 WANDSBECK 3631

TEL: +27 (031) 2667332
 FAX: +27 (031) 2667340
 E-mail: ibuya@ibuya.co.za



- NOTES**
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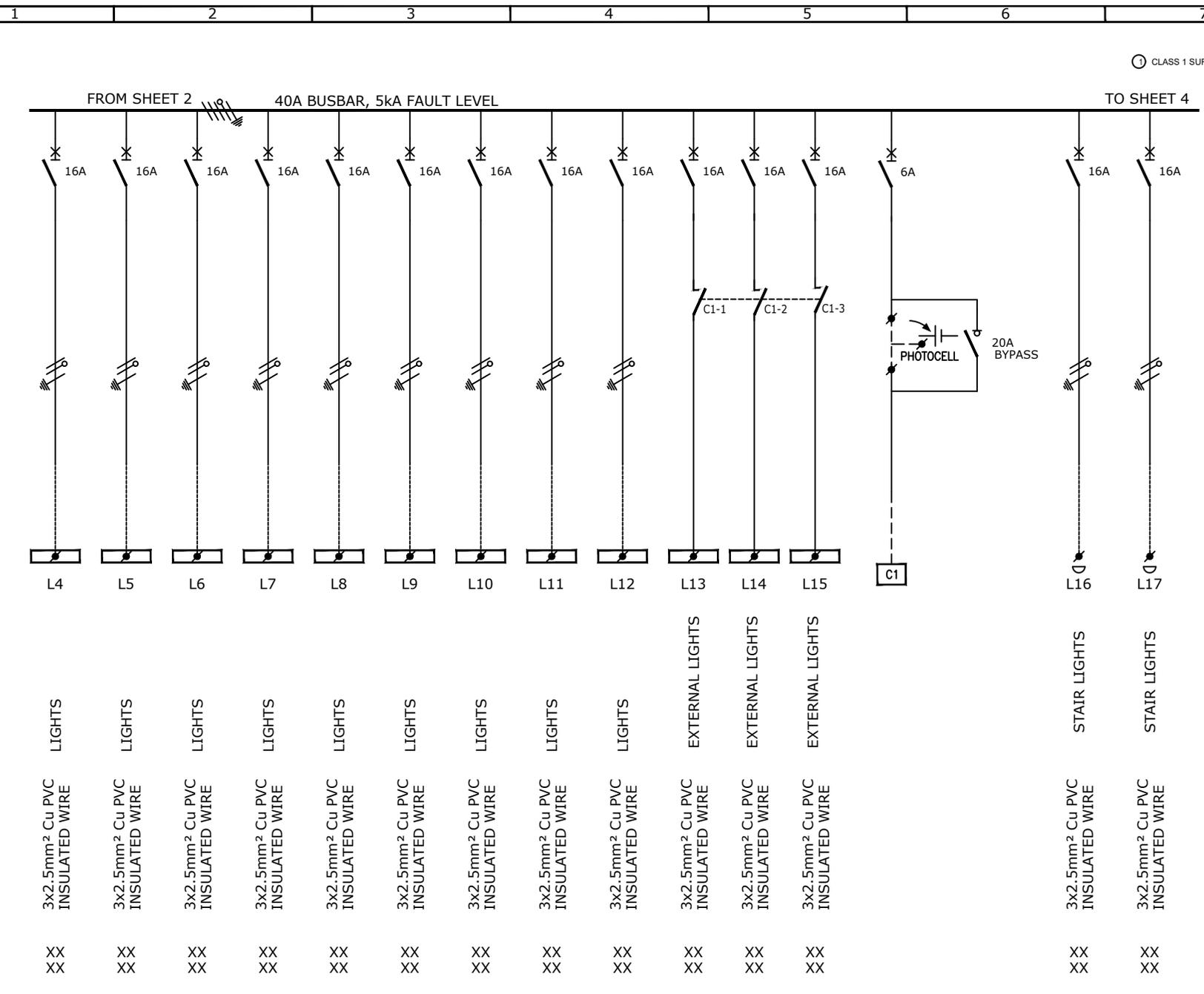


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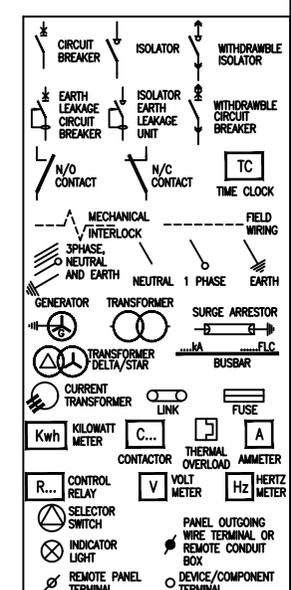
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DRAWING TITLE:	SAPS MSINSINI POLICE STATION
DRAWING TITLE:	DB - B / BE Single Line Diagram

BLOCK D
 ESSEX PARK
 46 ESSEX TERRACE
 WESTVILLE
 P.O. BOX 1692
 WANDSBECK 3631
 TEL: +27 (031) 2667332
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 E-mail: ibuya@ibuya.co.za



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BLOCK D
 ESSEX PARK
 46 ESSEX TERRACE
 WESTVILLE
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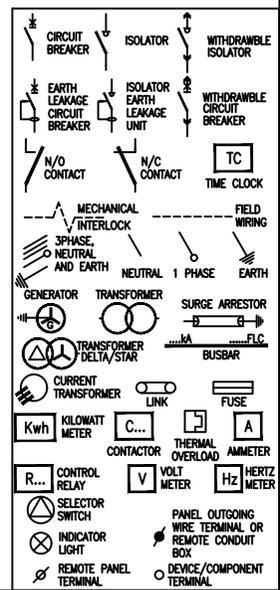
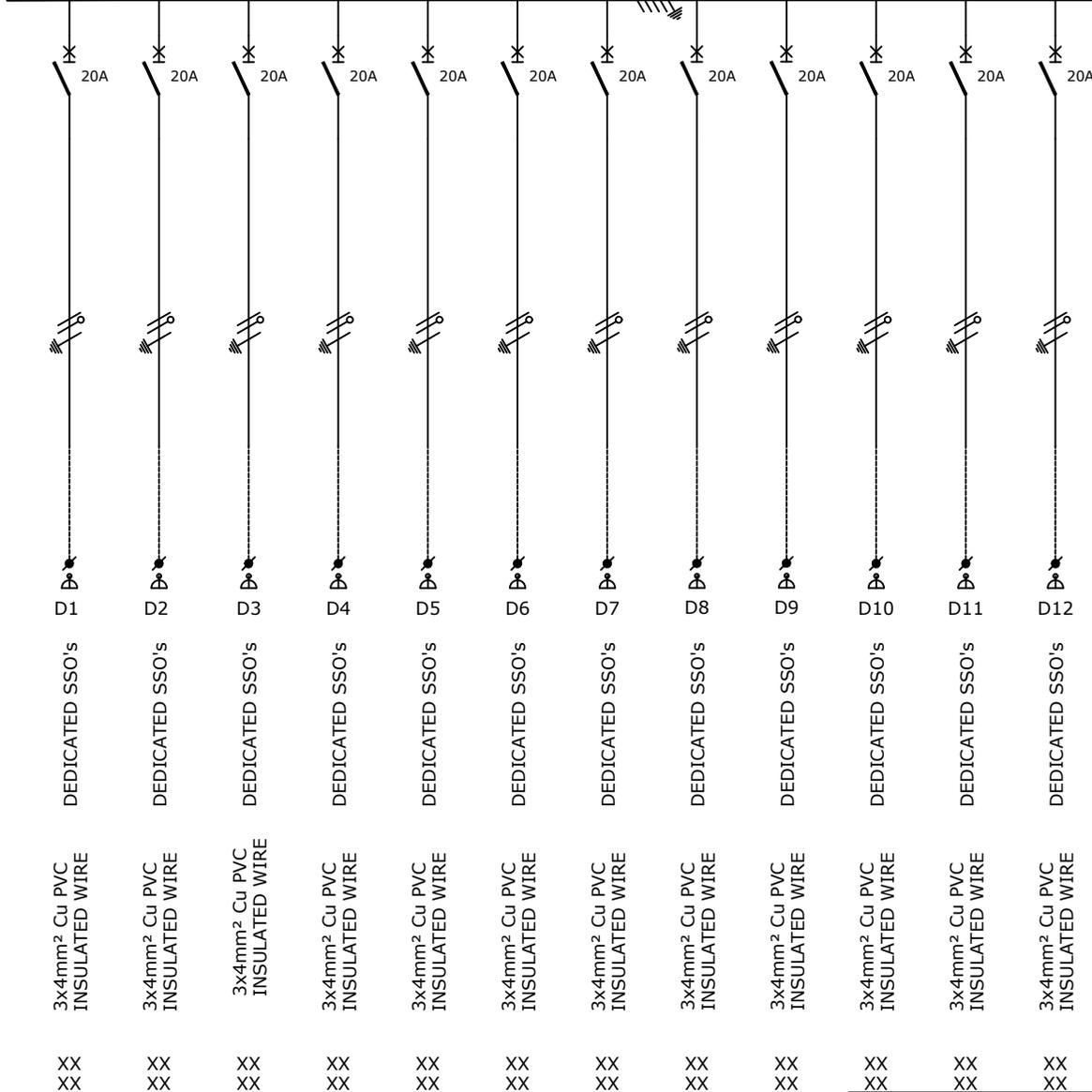
NOTES

① CLASS 1 SURGE ARRESTOR

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MCCB's(60A-630A)	-EASYPACT CSV
MCB's	-MULTI 9, TYPE 2
CONTACTORS	-AC3 HEAVY DUTY

FROM SHEET 3 40A BUSBAR, 5ka FAULT LEVEL



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