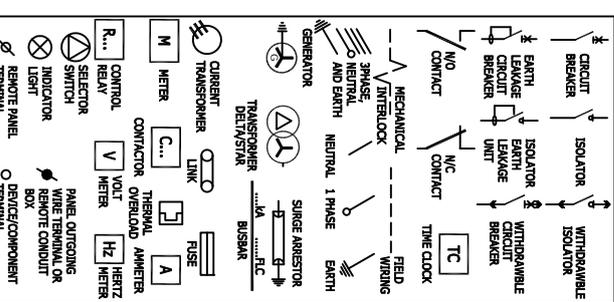


FIELD				
CIRCUIT No./PHASE				
DESIGNATION	INCOMER	MAIN LV KIOSK	SPARE	SPARE
WIRING		2x95mm ² 4CORE Cu PVC SWA PVC ECC CABLE		
LOAD (AMPS)				
No. OF POINTS				
CABLE No.		P1		

- DRAWING NOTES**
- 1) ESOM A1100 ESTER METER
 - 2) SCHNEIDER PH5320 METER.
 - 3) CLASS 1 SURGE ARRESTOR

- NOTES**
- 1) DROPPERS/TAILS TO BE RATED FOR FULL RL LET THROUGH.
 - 2) HARNESSED WIRING TO BE DE-RATED.
 - 3) TOP RAIL BUSBARS ARE NOT TO BE USED ABOVE
 - 4) COPPER BUSBARS TO BE CONTINUOUS RATED.
 - 5) ALL OUTGOING CIRCUIT BREAKERS TO BE FITTED WITH COPPER TAILS TO FACILITATE CABLE TERMINATIONS IN THE CABLE CHAMBER AND NOT ON THE CIRCUIT BREAKER.
 - 6) COPPER TAILS FROM DROPPER BUSBAR AND OUTGOING COPPER TAILS TO BE ADEQUATELY BRACED FOR FAULT LEVEL AND SHROUDED WITH HEAT SHRINK.
 - 7) ALL CIRCUIT BREAKERS TO BE FITTED WITH WEAR SURFERS ON THE MOVING CONTACTS.
 - 8) ENCLOSURE TO BE PH4.
 - 9) PHASING RMB, 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 SHUNT ON THE BUSBAR.
 - 13) CHANGEOVER TO BE CONTROLLED BY STANDBY GENERATOR CONTROLLER.

- PANEL: RED**
- BLUE
 - ESSENTIAL
 - UPS
 - CABLES/ TOP
 - CABLES / TOP
 - CABLES / TOP
 - WHITE
 - FLOOR STANDING
 - FLOOR STANDING
 - FLOOR STANDING
 - SCHEDULER
 - SCHEDULER
 - PROTECTIVE DEVICES
 - ACBS (1250A-4000A)
 - MCCPS(800A - 1000A)
 - MCCPS(60A-800A)
 - MCCS
 - MULTI 9, TYPE 2
 - AC3 HEAVY DUTY
 - SCHNEIDER
 - METERS



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REVISION	DESCRIPTION	BY	DATE	CHKD	FILE NAME
0	Original Issue	NG	27/05/25	KS	23044

ENGINEER	DRAWN	DATE	SCALE	CHKD
K. Singh	NG	May 24	n.t.s A3	
PROJECT No.	DRAWING No.	SHEET	REV.	
23044	401	1 of 1	0	
DRAWING TITLE:				
SAPS MSINSINI Police Station				
Metering Kiosk DB-METERING KIOSK Single Line Diagram				

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