

FIELD	CIRCUIT No.	PHASE	DESIGNATION
			INCOMER FROM MANUAL CHANGE-OVER PANEL
			INVERTER 1
			INVERTER 2

WIRING

2x95mm² 4C PVC SWA
PVC ECC Cu CABLE

35mm² 4C PVC SWA
PVC ECC Cu CABLE

35mm² 4C PVC SWA
PVC ECC Cu CABLE

CABLE NO.
LOAD (AMPS)
NO. OF POINTS

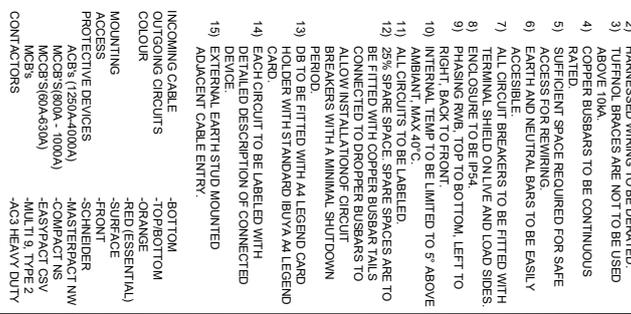
REV	DESCRIPTION	BY	DATE	CHKD	FILE NAME
0	Original Issue	NG	27/05/25	KS	32308_412

ENGINEER	PROJECT No.	DRAWN	DATE:	SCALE:	CHKD.
K. Singh	23044	NG	22/08/24	n.l.s	KS
	DRAWING No.			PAPER SIZE:	
	412			A3	
	SHEET:				
	1 of 1				
	REV.				
	0				

TITLE	DRAWING TITLE
SAPS MSINSINI POLICE STATION	Inverter Output DB Single Line Diagram

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- NOTES
- 1) DROPERS/TALLS TO BE RATED FOR FULL R
 - 2) LET THROUGH.
 - 3) HANGERS/WIRING TO BE DERATED
 - 4) ABOVE 10kV. ACCESS ARE NOT TO BE USED
 - 5) COPPER BUSBARS TO BE CONTINUOUS RATED.
 - 6) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REMOVAL.
 - 7) ALL CIRCUIT BREAKERS TO BE FITTED WITH EARTH AND NEUTRAL BARS TO BE EASILY ACCESSIBLE.
 - 8) ALL CIRCUIT BREAKERS TO BE FITTED WITH EARTH AND NEUTRAL BARS TO BE EASILY ACCESSIBLE.
 - 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 TALLS CONNECTED TO DROPER BUSBARS TO PROVIDE MAINTENANCE ON 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.



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