



Approved in Principle
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Pr Eng : 20120548

Cable No.	FROM	TO	Load Amps	N° of Cores	Size mm ²	N° of Cables	Cable Type	Earth Cond. Type	Earth Cond. Size	Route Length M	Cond of Use	Defined Use	Upstream protective device rating	REMARKS
P001	Supply Authority	Main LV Board (Non-Essential Section)	450A										450A	Supply cable from Municipality TBC
P002	Main LV Board (Non-Essential Section)	DB-A	100A	4	35	1	3	2E			D	S	100A	
P003	DB-A	DB-A1	60A	4	25	1	3	2E			D	S	60A	
P004	Main LV Board (Non-Essential Section)	DB-B	60A	4	25	1	3	2E			D	S	60A	
P005	Main LV Board (Non-Essential Section)	DB-CSC	60A	4	25	1	3	2E			D	S	60A	
P006	Main LV Board (Non-Essential Section)	Generator	450A	4	95	2	3	2E			D	S	450A	
P007	Main LV Board (Essential Section)	DB-Inverter	100A	4	35	1	3	2E			D	S	100A	
P008	DB-B	DB-C	60A	4	25	1	3	2E			D	S	60A	
P009	Main LV Board (Non-Essential Section)	Park Home Kiosk (Existing)	100	4	35	1	3	2E			D	S	100A	
P010	DB-Inverter	DB-AE	100A	4	35	1	3	2E			D	S	100A	
P011	DB-AE	DB-A1E	60A	4	25	1	3	2E			D	S	60A	
P012	DB-Inverter	DB-BE	60A	4	25	1	3	2E			D	S	60A	
P013	DB-Inverter	DB-CSC-E	60A	4	25	1	3	2E			D	S	60A	
P014	Main LV Board (Essential Section)	DB-MECH-E	200A	4	95	1	3	2E			D	S	200A	
P015	DB-BE	DB-CE	60A	4	25	1	3	2E			D	S	60A	
P016	Main LV Board (Essential Section)	Park Home Kiosk (Essential)	60A	4	25	1	3	2E			D	S	60A	

Cable Type:					Earth Conductor type					Cond. of Use					Defined Use				
600/ 1000V rating 1= Cu. Pvc in conduit 2=Cu. Pvc, Pvc 3= Cu, Pvc, Swa, ECC, PVC 4= Cu. Pvc, Swa plain, PVC 5=Resin encapsulated Cu busbar 6= 7=					1E= Cu PVC 2E= SWA/ECC 3E= Cu bar 4E= Bare Cu 5E = CuPVC + SWA					A=Aerial C=Conduit D=Duct G=Direct in ground K=Direct Sun T=Tray/ ladder					T1=Trefoil-RWB grouping T2=Trefoil grouping per phase S=Spaced <0.5 diameter between cables/ walls S1=Spaced ≥0.5 diameter to adjacent cable/ walls.				
6.35/ 11kV rating 8=AL,ABC XLPE aerial self supporting 9=AL PILC armored PVC 10=Cu XLPE SWA PVC copper tape 11= Cu, PILC armoured PVC 12= 13= 14=																			
					ENGINEER:	DRAWN:	DATE:	CHKD	P SIZE	TITLE: Makhaza Police Station Electrical Cable Schedule									
					MK	CP	11/12/2024	MK	A4										
					PROJECT NUMBER		DRG No.	REV	SCALE										
					32307		600	0	NTS										
0	Original Issue	KM	11/12/2024	MK	FILE NAME: 32307_600_0					SHEET: 1 of 1									
REV	DESCRIPTION	BY	DATE	CHKD															