

Cable No.	FROM	TO	Load Amps	N° of Cores	Size mm ²	N° Cables	Cable Type	Earth Cond. Type	Earth Cond. Size	Route Length M	Cond of Use	Defined Use	Upstream protective device rating	REMARKS
	Eskom Supply	Metering Kiosk	400										400A	
P001	Metering Kiosk	Main LV Kiosk	400	4	95	2	3	2E		xxx	D		400A	
P002	Main LV Kiosk (Non-Essential)	DB-A	60	4	25	1	3	2E		xxx	D		60A	
P003	Main LV Kiosk (Non-Essential)	DB-B	60	4	25	1	3	2E		xxx	D		60A	
P004	Main LV Kiosk (Non-Essential)	DB-C	60	4	25	1	3	2E		xxx	D		60A	
P005	Main LV Kiosk (Non-Essential)	DB-LGF	60	4	25	1	3	2E		xxx	D		60A	
P006	Main LV Kiosk (Non-Essential)	DB-LG	60	2	25	1	3	2E		xxx	D		60A	
P007	Main LV Kiosk (Non-Essential)	Meter Frame	150	4	70	1	3	2E		xxx	D		150A	
P008	300 kVA Generator	Main LV Kiosk (Changeover)	400	4	95	2	3	2E		xxx	D		400A	
P009	Main LV Kiosk (Essential)	Inverter No.1	100	4	35	1	3	2E		xxx	D		100A	
P010	Main LV Kiosk (Essential)	Inverter No.2	100	4	35	1	3	2E		xxx	D		100A	
P011	Main LV Kiosk (Essential)	DB-Mech-E	200	4	95	1	3	2E		xxx	D		100A	
P012	Main LV Kiosk (Essential)	Inverter Bypass	200	4	95	1	3	2E		xxx	D		200A	
P013	Inveter Load DB	DB-AE	40	4	16	1	3	2E		xxx	D		40A	
P014	Inveter Load DB	DB-BE	40	4	16	1	3	2E		xxx	D		40A	
P015	Inveter Load DB	DB-CE	40	4	16	1	3	2E		xxx	D		40A	
P016	Inveter Load DB	DB-LGF-E	40	4	16	1	3	2E		xxx	D		40A	
P017	Inveter Load DB	DB-GH	60	2	16	1	3	2E		xxx	D		60A	
P018	Inveter Load DB	DB-LG-E	60	2	16	1	3	2E		xxx	D		60A	
P019	DB-LGF	DB-FF	60	4	16	1	3	2E		xxx	D		60A	
P020	DB-LG-E	DB-FF-E	40	4	10	1	3	2E		xxx	D		40A	
P021														
P022														
P023														
P024														
P025														
P026														
P027														

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=					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=					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.	

ENGINEER: MH		DRAWN: RM		DATE: 21/10/24		CHKD: KS		P SIZE: A4		TITLE: MSINSINI POLICE STATION Electrical Cable Schedule						
PROJECT No.: 23044				DRAWING No.: 603				REV: 0							SCALE: nts	
C01 Original Issue		KS 30/05/25		KS												
REV	DESCRIPTION	BY	DATE	CHKD	FILE NAME:	SHEET: 1 of 1				 BLOCK U ESSEX PARK 46 ESSEX TERRACE WESTVILLE P.O. BOX 1692 WANDSBECK 3631 TEL: +27 (031) 2667831 FAX: +27 (031) 2667831 E-mail: ibuya@ibuya.co.za						