



NOTES:

1. MULTIPLE EARTH NEUTRAL SHALL BE USED IN THE FOLLOWING APPLICATIONS:
 - a) AT OPEN POINTS BETWEEN SUBSTATIONS.
 - b) EVERY 500 METRES FROM SUBSTATIONS ON L.V. RUNS.
 - c) EVERY 250 METRES FROM SUBSTATIONS ON L.V. RUNS WHERE EARTHING CONDITIONS ARE KNOWN TO BE BAD IN CONSUMER INSTALLATIONS.
 - d) AT THE END OF RADIAL L.V. RUNS MORE THAN 250 METRES LONG, WHICH ARE NOT INTERCONNECTED WITH ANOTHER SUBSTATION.
2. LOW VOLTAGE SURGE DIVERTERS ARE TO BE USED IN CONJUNCTION WITH M.E.N. INSTALLATIONS AT LOCATIONS SPECIFIED ON DRG S01-01-04-20.

ITEM REF.	QTY.	DESCRIPTION	ITEM NUMBER	DRAWING REF.
11	AR	COPPER BUSBAR 25x4mm	3020	S01-01-05-06
10	1	CONNECTOR EARTHING Cu PROFILE 'C' 70-70 SQ.MM	255786	S01-01-05-08
9	1	CRIMP LUG Cu 70 SQ.MM M12	5512	S02-01-02-11
8	AR	CABLE 35 SQ.MM Cu XLPE-PVC UV STABILISED	407083	S02-01-01-35
7	2	CONNECTOR EARTHING Cu PROFILE '6' 70 SQ.MM	257394	S01-01-05-08
6	AR	UNDERGROUND MARKER TAPE	6569	S02-01-08-05
5	AR	10mm RAMSET	-	-
4	1	M10x25 GALV. STEEL BOLT C/W NUT	114397	S01-01-04-43
	2	M10 GALV. STEEL FLAT ROUND WASHER	114314	
	1	M10 GALV. STEEL SPRING WASHER	400851	
3	AR	COPPER WIRE, 70 SQ.MM 19/2.14	9803	S01-01-05-05
2	2	EARTH ROD - 14mm SS316 1500mm LONG	414060	S01-01-05-01
1	1	LUG COPPER CRIMP 35 SQ.MM M12	156240	S02-01-02-11

MATERIAL SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKD	APPD
4	REFORMATTED TABLE AND TEXT. UPDATED ITEMS 1, 2 & 4. SUPERSEDED TO S01-02-03-19.	A.N.	JUL'21	A.N.	B.C.
3	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	DEC'19	C.C.	C.C.
2	REDRAWN ON MICROSTATION. MATERIAL SCHEDULE REVISED.	R.G.I	FEB'97	A.G.B.	F.R.R.
1	DRAWING GENERALLY REVISED.	gmck	MAY'91	-	N.S.



DES	B.T.KENT	POWER STANDARD DRAWING		
DRN	WT/HT	EARTHING, LV - ABC MULTIPLE EARTH NEUTRAL (MEN) ASSEMBLY		
CKD	G.S.			
APPD	B.T.KENT			
SCALE	N.T.S.			
ISSUED	-	A3	DRAWING NUMBER	S04-02-03-01
ALL DIM. IN mm				
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT 4