



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 S1-1-4-20.

TAG No	QTY	DESCRIPTION	STOCK CODE	DRG REF
11	AS REQ	25 X 4 COPPER BUS BAR	3020	S1-1-5-6
10	1	CONNECTOR EARTHING COMPRESSION	255786	S1-1-5-8
9	1	LUG - COPPER CRIMP 19/2.14	5512	
8	AS REQ	CABLE COPPER PVC BLACK - 35sq.mm	1586	S2-1-1-23
7	2	CONNECTOR - EARTHING COMPRESSION	257394	S1-1-5-8
6	AS REQ	MARKER TAPE	6569	S2-1-8-5
5	AS REQ	RAMSET	10mm	
4	1	M10 X 25 BOLT, NUT AND WASHERS	114397	
3	AS REQ	COPPER CONDUCTOR 19/2.14	9803	S1-1-5-5
2	2	EARTH ROD - EXTENDABLE S/S	230037	S1-1-5-1
1	1	LUG-COPPER CRIMP 19/1.53 35sq.mm	156240	

MATERIAL SCHEDULE

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.	A3	DRAWING NUMBER	S4-2-3-1
ISSUED/..			
ALL DIM. IN mm		DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY	AMDT

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.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					

