



NOTES

1. M.E.N. EARTHS SHALL BE USED IN THE FOLLOWING APPLICATIONS :
 - a) AT OPEN POINTS BETWEEN SUBSTATIONS.
 - b) EVERY 500 m FROM SUBSTATIONS ON L.V. RUNS.
 - c) EVERY 250 m 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 m LONG, WHICH ARE NOT INTERCONNECTED WITH ANOTHER SUBSTATION.
 - e) EVERY UNDERGROUND TO OVERHEAD CABLE TERMINATION WHERE THE UNDERGROUND CABLE IS CONNECTED TO A PACKAGE OR KIOSK SUBSTATION.
2. LOW VOLTAGE SURGE DIVERTERS ARE TO BE USED IN CONJUNCTION WITH M.E.N. INSTALLATIONS AT LOCATIONS SPECIFIED ON DGN S1-01-04-20.
3. BOLTED JOINTS IN EARTH STRAP TO BE CLEAN AND FREE OF PAINT, RUST AND GREASE, AND BE TINNED.

TAG No	QTY	DESCRIPTION	STOCK CODE	DRG REF
11	2	WASHER, SPRING, M10	114314	S01-01-04-15
10	2	WASHER, FLAT, M10	113977	S01-01-04-15
9	2	CONNECTOR - EARTHING COMPRESSION	255786	S01-02-03-15
8	2	CONNECTOR - EARTHING COMPRESSION	257394	S01-02-03-15
7	7.0m	MARKER TAPE	6569	S02-01-08-05
6	AR	POWER FASTENERS (e.g. RAMSET)	-	
5	2	M10 X 25 mm. BOLT C/W NUT	114397	
4	8.0m	19/2.14 Cu. CONDUCTOR	9803	S01-01-05-05
3	2	EARTH ROD	230037	S01-01-05-01
2	8.0m	STRAP, EARTHING, BARE COPPER 25 X 3 mm	9837	S01-01-05-05
1	1	NEUTRAL BOND CLAMP	2147	S01-01-04-17

MATERIAL SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKD	APPD
15	SUPERSEDED	A.T.	DEC'12	B.C.	B.C.
14	NOTE 1e ADDED	J.C.	MAY'10	A.T.	S.C.
13	ITEM 3 DISTANCE AMENDED	A.S.	NOV'06	B.C.	S.C.
12	REFERENCE TO S1-2-3-10 ADDED.NOTE 3 ADDED	R.G.I.	JUN'98
11	COPPER COMP. LUG REMOVED FROM MATERIAL LIST	R.G.I.	JUN'97
10	ITEM 11 & 12 ADDED. MATERIAL LIST AMENDED	J.A.L.	MAY'95	S.C.M.	P.J.D.

AMENDMENTS



DES -	POWER STANDARD DRAWING		
DRN G.R.	EARTHING		
CKD A.G.B.	M.E.N.		
APPD C.H.Y.	LOW VOLTAGE		
SCALE N.T.S.	A3	DRAWING NUMBER	S01-02-03-03
ISSUED APR'94			
ALL DIM. IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	AMD T