



NOTES

1. FOR UNDERGROUND EARTHING, REFER TO EITHER S01-2-3-11, S01-2-3-12 OR S01-2-3-13.
2. LOCAL EARTH NETWORK RESISTANCE SHALL NOT EXCEED 30 OHMS MAX.
3. HEATSHRINK SHALL BE APPLIED TO ALL COMPRESSION LUGS
4. BOND SWITCHGEAR EARTH TO TANK MONTED SURGE ARRESTOR EARTHS WITH 70SQMM EARTH CABLE.
5. ENSURE DESTINATION TAGS ARE PLACED ON THE CABLE ABOVE THE CABLE PROTECTION AT EACH CABLE TERMINATION POLE.
6. HEAT SHRINK PHASE ID ON EACH CABLE BELOW CABLE TERMINATION POINT.
7. CABLE PROTECTION CHANNEL TO BE ATTACHED TO POLE AS PER DWG S01-2-4-12.
8. WHEN CONNECTING TO FEEDER BACKBONES, DISCONNECT-TEES SHALL BE USED, OTHERWISE LIVE LINE BAILS AND CLAMPS CAN BE USED.
9. SPARE CABLE SHALL BE LOOPED IN A SAND PIT AT THE BASE OF THE POLE. THE SAND PIT SHALL BE PROTECTED BY SOLID POLYMERIC CABLE COVERS.

ITEM	QTY.	DESCRIPTION	DRAWING No.	STOCK CODE
19	AR	POLYMERIC CABLE COVER	S02-1-8-06	-
18	1	SURGE ARRESTOR CROSS ARM	S01-1-2-12	400797
17	3	DISCONNECT-TEE (REFER NOTE 8)	S01-1-4-10	2295
16	1	X-ARM, TERMINATION	S01-1-2-10	414398
15	1	CABLE PROTECTION CHANNEL	S01-1-4-30	-
14	1	BEND SWEEP 90° CONDUIT	-	157032
13	-	OUTDOOR HV CABLE TERMINATION	22KV S02-1-2-18 11KV S02-1-2-17	-
12	3	LUG TO SUIT 70SQMM EARTH CABLE	S02-1-2-11	5512
11	3	M24 BOLT 50 LONG, 2 x LARGE FLAT WASHERS, SPRING WASHER AND M24 EYE NUT	-	400800, 114348 114330
10	3	M24 EYE NUT, M24 GALV. THREADED ROD 210 LONG, 2 x LARGE FLAT WASHERS, SPRING WASHER AND M24 NUT	-	298711, 400803 114330
9	12	COMPRESSION LUG, BELL MOUTH TO SUIT 150SQMM FLEX CABLE	S02-1-2-11	402692
8	3	BAIL CLAMP (REFER NOTE 8)	S01-1-4-10	5603
7	-	EARTH CABLE, 70SQMM COPPER, YELLOW GREEN INSULATED	S02-1-1-23	401059
6	3	LIVE LINE CLAMP (REFER NOTE 8)	S01-1-4-17	2121
5	-	150 SQmm Cu LV FLEXIBLE CABLE	S02-1-1-34	300368
4	6	HV SURGE DIVERTER WITH BIRD CAP	S1-1-4-19	249466, & 249433
3	6	SUSPENSION INSULATOR	S01-1-3-09	292656
2	1	SF6 GAS LOAD BREAK SWITCH NGK STANGER	S01-1-6-17	400812
1	1	POLE STRUCTURE	S01-2-5-31	-

NO	DESCRIPTION	DRN	DATE	CKD	APPD
5	NOTES AND MATERIAL TABLE UPDATED, SURGE ARRESTOR CROSSARM REMOVED, ITEMS 18, 19 ADDED, SAND PIT ADDED	A.T.	NOV'11	B.C.	S.C.
4	NOTE 7 AND CABLE PROTECTION ADDED	J.C.	JUN'08	A.T.	S.C.
3	NOTE 5 & 6 ADDED	J.C.	NOV'07	B.C.	S.C.
2	ITEM TAGS AMENDED	A.S.	JULY'06	B.C.	S.C.
1	ITEM 5 AMENDED TO FLEXIBLE	K.I.	MAY'06	-	B.C.
0	ISSUED FOR CONSTRUCTION	K.I.	JUL'05	C.C.	C.C.

DES CTF

DRN K. IBBOTT

CKD C.C.

APPD C.C.

SCALE 1:40 (ON A3)

ISSUED JULY '05

ALL DIM. IN mm

DRAFTING STANDARD TO A.S.1100

POWER STANDARD DRAWING

CABLE TERMINATION

HV OVERHEAD TO UNDERGROUND

UNIVERSAL POLE CONSTRUCTION WITH GBS

A3

DRAWING NUMBER S01-2-4-11

CAD PRODUCT - DO NOT AMEND MANUALLY

AMDT