



NOTES

1. FOR UNDERGROUND EARTHING, REFER TO EITHER S01-2-3-11, S01-2-3-12 OR S01-2-3-13.
2. HEATSHRINK SHALL BE APPLIED TO ALL COMPRESSION LUGS
3. BOND SWITCHGEAR EARTH TO TANK MOUNTED SURGE ARRESTOR EARTHS WITH 70SQMM EARTH CABLE.
4. ENSURE DESTINATION TAGS ARE PLACED ON THE CABLE ABOVE THE CABLE PROTECTION AT EACH CABLE TERMINATION POLE.
5. HEAT SHRINK PHASE ID ON EACH CABLE BELOW CABLE TERMINATION POINT.
6. CABLE PROTECTION CHANNEL TO BE ATTACHED TO POLE AS PER DWG S01-2-4-12.
7. WHEN CONNECTING TO OVERHEAD FEEDER BACKBONES, DISCONNECT-TEES SHALL BE USED, OTHERWISE LIVE LINE BAILS AND CLAMPS CAN BE USED.
8. SPARE CABLE SHALL BE LOOPED IN A SAND PIT NO TIGHTER THAN 1.5 TIMES THE CABLE BENDING RADIUS AT THE BASE OF THE POLE. THE SAND PIT SHALL BE PROTECTED BY SOLID POLYMERIC CABLE COVERS. THE SAND SHALL BE WASHED IN TO PREVENT FUTURE COMPACTION.
9. REFER TO S01-2-3-24 FOR HV CABLE TERMINATION EARTHING.
10. REFER TO S01-2-7-11 FOR GAS BREAK SWITCH INSTALLATION DETAILS.
11. CONDUITS SHALL END INSIDE SAND PIT. LAST 50mm OF ALL CONDUIT ENDS SHALL BE FILLED WITH EXPANDING FOAM.
12. WHERE REQUIRED, REFER TO S01-2-7-11 SHEET 2 FOR VT INSTALLATION DETAILS.
13. REFER TO S01-2-7-16 FOR AUTOMATED GBS COMMUNICATIONS DETAILS.
14. WHERE REQUIRED, INSTALL THE AUTOMATED GBS CONTROL BOX EITHER ON THE PROPERTY SIDE OF THE POLE OR ON THE LEeward SIDE OF THE POLE TO TRAFFIC FLOW.

ITEM	QTY.	DESCRIPTION	DRAWING No.	STOCK CODE
21	AR	OPTIONAL CONTROL BOX FOR AUTOMATED GBS REMOTE CONTROL	S01-1-6-17	402362
20	AR	OPTIONAL VT FOR AUTOMATED GBS POWER SUPPLY	S01-1-9-05	-
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 7)	S01-1-4-10	2295
16	AR	150MM DIAMETER STRAIGHT HD ORANGE CONDUIT	-	-
15	1	CABLE PROTECTION CHANNEL	S01-1-4-30	-
14	1	150MM DIAMETER BEND SWEEP 90° HD ORANGE CONDUIT	-	157032
13	-	OUTDOOR HV CABLE TERMINATION	S02-1-2-21	-
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 7)	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 7)	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	1	HV POLE TOP UNIT	S01-2-2-33	-
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
7	ITEM 20, 21, NOTES 12, 13 ADDED. POLE ARRANGMENT UPDATED	A.T.	MAY'16	I.B.	B.C.
6	NOTE 10, 11 ADDED, ITEM 16 CHANGED, ITEM 3 UPDATED	A.T.	AUG'12	B.C.	S.C.
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.
AMENDMENTS					



DES	CTF	POWER STANDARD DRAWING		
DRN	K. IBBOTT	CABLE TERMINATION HV OVERHEAD TO UNDERGROUND UNIVERSAL POLE CONSTRUCTION WITH GBS		
CKD	C.C.			
APPD	C.C.			
SCALE	1:40 (ON A3)			
ISSUED	JULY '05	A3	DRAWING NUMBER	S01-2-4-11
ALL DIM.	IN mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		