



NOTES:

1. FOR UNDERGROUND EARTHING, REFER TO EITHER S01-02-03-11, S01-02-03-12 OR S01-02-03-13.
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.
7. WHEN CONNECTING TO OVERHEAD FEEDER BACKBONES, DISCONNECT-TEES SHALL BE USED, OTHERWISE LIVE LINE BAILS AND CLAMPS CAN BE USED.
8. FOR GROUND LEVEL CONSTRUCTION DETAILS REFER TO DWG S01-02-04-12
9. REFER TO S01-02-03-24 FOR HV CABLE TERMINATION EARTHING.
10. REFER TO S01-02-07-11 FOR GAS BREAK SWITCH INSTALLATION DETAILS.
12. WHERE REQUIRED, REFER TO S01-02-07-11 SHEET 4 FOR VT INSTALLATION DETAILS.
13. REFER TO S01-02-07-16 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	ITEM NUMBER	DRG REF.
24	3	EARTHING TERMINAL	402089	S01-01-05-03
23	1	GBS HANGING ARM, SIDE MOUNT 125x125x5 DURAGAL	400813	S01-01-06-17
22	2	M24x180 GALV. STEEL BOLT C/W NUT	400802	S01-01-04-43
	4	M24 75x75x5 SQUARE GALV. STEEL FLAT WASHER	298828	
	2	M24 GALV. STEEL SPRING WASHER	114330	
21	AR	OPTIONAL - CONTROL BOX FOR AUTOMATIC GBS REMOTE CONTROL	402362	S01-01-06-17
20	AR	OPTIONAL - VT FOR AUTOMATIC GBS CONTROL SUPPLY	-	S01-01-09-04 S01-01-09-05
18	1	CROSSARM STANDOFF 125x65x4 DURAGAL CC	298539	S01-01-02-10
17	3	CLAMP DISCONNECT TEE 500A	2295	S01-01-04-10
13	AR	OUTDOOR TERMINATION KIT TO SUIT	-	S02-01-02-21
12	3	COMPRESSION LUG Cu 70 SQ.MM M12	5512	S02-01-02-11
11	3	M24x50 GALV. STEEL BOLT C/W NUT	114629	S01-01-04-43
	6	M24 GALV. STEEL FLAT WASHER X-LARGE	113993	
	6	M24 GALV. STEEL SPRING WASHER	114330	
10	3	M24x220 GALV. STEEL BOLT C/W NUT	400803	S01-01-04-43
	6	M24 GALV. STEEL FLAT WASHER X-LARGE	113993	
	6	M24 GALV. STEEL SPRING WASHER	114330	
9	12	BELLMOUTH COMPRESSION LUG Cu 150 SQ.MM M12	402692	S02-01-02-11
8	3	LIVE LINE BAIL 420A (REFER NOTE 7)	239020	S01-01-04-10
7	AR	CABLE EARTHING 70 SQ.MM Cu GREEN/YELLOW	401059	S02-01-01-23
6	3	LIVE LINE CLAMP 460A (REFER NOTE 7)	2121	S01-01-04-17
5	AR	CABLE 150 SQ.MM 1C Cu FLEX UV STABLISED	300368	S02-01-01-34
4	6	SURGE ARRESTER (TO SUIT 11 OR 22 kV)	-	S01-01-04-19
3	1	HV POLE TOP UNIT	-	S01-02-02-33
2	1	SF6 GAS LOAD BREAK SWITCH	-	S01-01-06-17
1	1	POLE STRUCTURE WITH GBS	-	S01-02-05-31
MATERIAL SCHEDULE				

NO	DESCRIPTION	DRN	DATE	CKD	APPD
11	ADDED ITEM 24	J.R.	JAN'24	B.C.	B.V.
10	REMOVED NOTES 6 & 11. AMEND NOTE 8. REMOVED ITEMS 14,15,16 & 19. AMENDED IMAGERY.	C.C.	APR'21	B.V.	B.C.
9	UPDATED ITEM 4. ITEM NUMBER, ADDED ITEM 22 & 23. INSULATORS REDRAWN.	A.N.	JUL'21	A.N.	B.V.
8	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	MAR'19	C.C.	C.C.
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.



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)	A3	DRAWING NUMBER	S01-02-04-11	
ISSUED	JUL'05			CAD PRODUCT - DO NOT AMEND MANUALLY	
ALL DIM. IN mm				AMDT	
DRAFTING STANDARD TO A.S.1100					