



**NOTES:**

1. REFER TO S01-02-03-25 FOR RECLOSER AND VOLTAGE TRANSFORMER EARTHING ARRANGEMENT. REFER TO S01-02-03-24 FOR HV CABLE TERMINATION EARTHING ARRANGEMENT
2. FOR UNDERGROUND EARTHING ARRANGEMENT REFER TO EITHER S01-02-03-11, S01-02-03-12 OR S01-02-03-13.
3. WHERE POSSIBLE, POWER THE RECLOSER VIA A PRE-EXISTING LOW VOLTAGE NETWORK THAT IS CONNECTED TO THE SUPPLY SIDE OF THE RECLOSER.
4. WHERE THE EXISTING LV NETWORK IS USED, THE POWER SUPPLY SHALL BE PROTECTED VIA 10A FUSE INSTALLED IN A SERVICE FUSE BASE. A LV SURGE ARRESTOR SHALL BE INSTALLED ON THE CONTROL BOX SIDE OF THE FUSE.
5. ONLY USE A VOLTAGE TRANSFORMER IF A SUITABLE LOW VOLTAGE NETWORK IS NOT AVAILABLE. THE POWER SUPPLY ACTIVE, NEUTRAL AND EARTH SHALL COME FROM THE VOLTAGE TRANSFORMER.
6. POWER SUPPLY CONDUIT TO BE SADDLE CLAMPED TO THE POLE EVERY 1000mm MAXIMUM. ANY OPEN CONDUIT ENDS SHALL BE POINTING TOWARDS THE GROUND.
7. REFER TO S01-02-07-16 FOR COMMUNICATIONS INSTALLATION REQUIREMENT.
8. ALL CABLE CLEATS SHALL BE PWC APPROVED ITEMS. REFER TO S01-01-04-53.
9. FOR GROUND LEVEL CONSTRUCTION DETAILS, REFER TO DWG S01-02-04-12.

ITEM	QTY	DESCRIPTION	ITEM No.	DGN No.
28	3	EARTHING TERMINAL	402089	S01-01-04-53
27	AR	CABLE CLEATS FOR HV CABLE	-	S01-01-04-53
25	3	HV SURGE DIVERTER - METAL OXIDE	-	S01-01-04-19
24	1	COMMUNICATIONS ANTENNA	-	S01-02-07-16
23	1	ANTENNA MOUNTING BRACKET	-	S01-02-07-16
22	AR	LOCK NUTS FOR ANACONDA CONDUIT	415549	-
21	AR	CABLE GLAND FOR ANACONDA CONDUIT	415547	-
20	AR	EARTH TAG FOR ANACONDA CONDUIT	415548	-
19	4	LUG 35SQMM Cu COMPRESSION BELL MOUTH	402689	S02-01-02-11
18	AR	CABLE Cu 1-CORE 150 SQMM FLEXIBLE	300368	S02-01-01-34
17	18	LUG 150 SQMM Cu COMPRESSION BELL MOUTH	402692	S02-01-02-11
16	AR	CABLE Cu 1-CORE 35 SQMM FLEXIBLE	402707	S02-01-01-34
15	3	DISCONNECT TEE	2295	S01-01-04-10
14	1	22KV INSULATOR (LINE POLE)	300467	S01-01-03-10
13	4	M16 BOLT, 60 LONG, SPRING WASHER & NUT REFER TO S01-1-6-15	211144 114322	S01-01-04-43
12	2	M24 BOLT, 180 LONG, 2 x LARGE FLAT WASHER, SPRING WASHER & NUT	400802 113993 114330	S01-01-04-43
11	3	M16 BOLT, 160 LONG, 2 x LARGE FLAT WASHER, SPRING WASHER & NUT	400805 113985 114322	S01-01-04-43
10	3	22kV ISOLATING SWITCH	2204	S01-01-06-07
9	AR	20mm DIAMETER ANACONDA CONDUIT	415546	-
7	3	CROSSARM BRACE	298687	S01-02-01-49
6	1	HV EDO MOUNTING CROSSARM, FIBREGLASS	413506	S01-02-01-39
5	1	HV LINE TERMINATION CROSSARM 125X125	414398	S01-01-02-10
4	2	MOUNTING BRACKET FOR EXTERNAL VOLTAGE TRANSFORMER / RECLOSER	412639	S01-01-04-57
3	AR	22kV EXTERNAL VOLTAGE TRANSFORMER SUPPLY WITH RECLOSER - REFER NOTE 3 & 5	412638 412639	S01-01-09-04 S01-01-09-05
2	AR	LV POWER SUPPLY CABLE 2.5SQMM 2 CORE + EARTH	503089	-
1	1	NOJA OSM27 RECLOSER	501806	-

MATERIAL SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKD	APPD
5	ADDED ITEM 28	J.R.	JAN'24	B.C.	B.V.
4	AMENDED GROUND LEVEL CONSTRUCTION DETAILS. ADDED NOTE 9. REMOVED ITEM 26	C.C.	APR'22	B.V.	B.C.
3	TITLEBLOCK & DRAWING NUMBERS FORMATTED	K.T.	JAN'19	C.C.	C.C.
2	NOTE 8 ADDED, MATERIAL TABLE UPDATED	A.T.	MAR'15	I.B.	B.C.
1	ISSUED FOR CONSTRUCTION	C.Y.	JUN '13	A.T.	B.C.



DES	C. YIK	POWER STANDARD DRAWING	
DRN	J. COPPINS	CABLE TERMINATION HV OVERHEAD TO UNDERGROUND UNIVERSAL POLE CONSTRUCTION WITH "NOJA" RECLOSER	
CKD	A. TAYLOR	A3	DRAWING NUMBER S01-02-04-16
APPD	B. CHEUNG		
SCALE	N.T.S.	DRAFTING STANDARD TO A.S.1100	CAD PRODUCT - DO NOT AMEND MANUALLY
ISSUED	JUN '13		
ALL DIM. IN mm			

