



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 DEALS,REFER TO DWG S01-02-04-12.

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| 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 | ANTENA 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, FIBREGLOSS | 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 | - |
| ITEM | QTY | DESCRIPTION | ITEM No. | DGN No. |

MATERIAL SCHEDULE

| 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. |
| NO | DESCRIPTION | DRN | DATE | CKD | APPD |
| AMENDMENTS | | | | | |



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