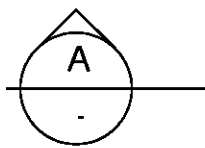


Scale 1:40

ELEVATION

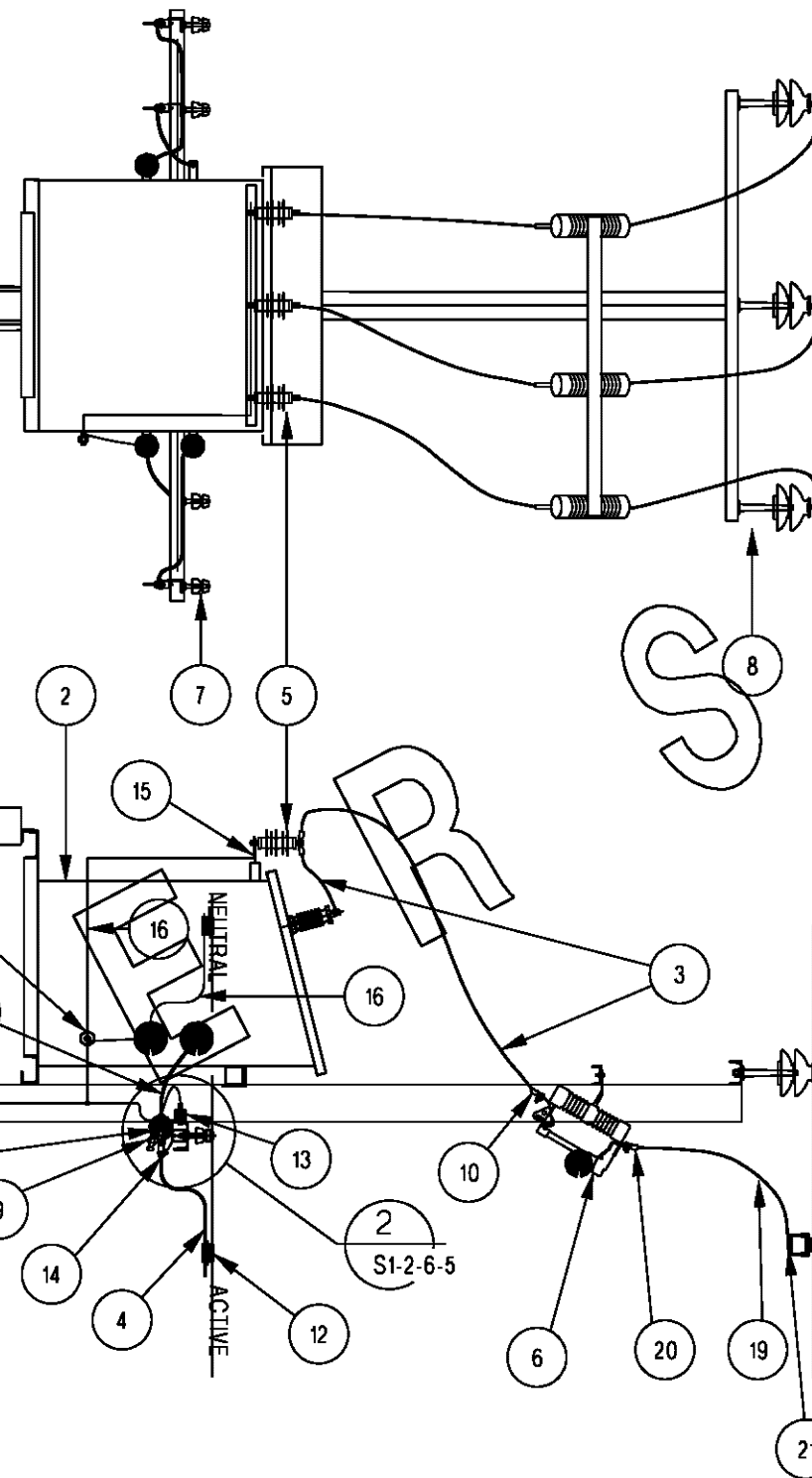
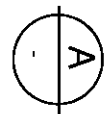
ROADSIDE

PROPERTY



Scale 1:40

SECTION



1. TYPES OF SURGE DIVERTER IN USE:
 - PORCELAIN TYPE : A.B.B. & BOWTHORPE (DWG S01-01-04-32)
 - POLYMER HOUSED TYPE : RAYCHEM (DWG S01-01-04-19) & BOWTHORPE (S01-01-04-33)
 RAYCHEM & BOWTHORPE POLYMER HOUSED SURGE DIVERTERS REPLACE SUPERSEDED PORCELAIN SURGE DIVERTERS.
2. WHERE PORCELAIN TYPE SURGE DIVERTER IS REPLACED WITH POLYMER HOUSED TYPE ARRANGEMENT SHOWN ON DWG S01-01-04-33, DETAIL 'A' SHOULD BE USED.

| | | | | |
|----|------|-------------------------------------|--------|--------------|
| 21 | 3 | Cu STACK LUG - BELL MOUTH | - | - |
| 20 | 3 | Cu LUG - BELL MOUTH | 406766 | S02-01-02-11 |
| 19 | AR | 70 Sqmm Cu LV FLEXIBLE | 406718 | S02-01-01-34 |
| 18 | 3 | LUG COPPER COMPRESSION - 70 sq.mm | 5512 | - |
| 17 | 2 m | CONDUCTOR - COPPER 19/2.14 70 sq.mm | 39803 | S01-01-05-05 |
| 16 | 12 m | BUSBAR-COPPER 25 mm X 3 mm | 9837 | S01-01-05-05 |
| 15 | 3 | BRACKET - SURGE DIVERTER MOUNTING | 249508 | S01-01-04-19 |
| 14 | 18 | LUG, COPPER COMPRESSION - 150 Sq mm | 5561 | - |
| 13 | 3 | SURGE DIVERTER - LV | 10041 | S01-01-04-20 |
| 12 | 6 | CLAMP - BI-METAL PARALLEL GROOVE | 115774 | S01-01-04-25 |
| 11 | 3 | TERMINATION TYPE 'CU' | - | S01-02-01-01 |
| 10 | 12 | Cu COMPRESSION LUG - 70 Sq.mm | 5512 | S02-01-02-11 |
| 9 | 3 | ISOLATING SWITCH - LV | 2170 | S01-01-06-01 |
| 8 | 1 | POLE TOP UNIT - HV | - | S01-02-02-02 |
| 7 | 1 | POLE TOP UNIT - LV - TYPE 'a' | - | S01-02-02-01 |
| 6 | 3 | SWITCH FUSE ASSEMBLY-EDO | 3863 | S01-01-06-06 |
| 5 | 3 | SURGE DIVERTER - HV (REFER NOTE 1) | - | - |
| 4 | AR | CABLE - LV - 2 x 150 sq.mm | 300368 | - |
| 3 | 10 m | CABLE - 70 Sq.mm Cu LV XLPE | 406733 | S02-01-01-33 |
| 2 | 1 | TRANSFORMER - PLATFORM TYPE | - | - |
| 1 | 1 | POLE STRUCTURE | - | S01-02-05-15 |

| TAG No | QTY. | DESCRIPTION | STOCK CODE | DRG REF |
|--------|------|-------------|------------|---------|
|--------|------|-------------|------------|---------|

MATERIAL SCHEDULE

| 7 | SUPERSEDED | A.T. | B.C. | B.C. | DEC'12 |
|-----|---|--------|--------|--------|--------|
| 6 | ADD ITEMS 19,20 & 21 UPDATE ITEMS 3 & 10. | K.I. | - | B.C. | MAY'06 |
| 5 | TAG REFERENCES AND ITEM 4 UPDATED, ITEMS 14 & 10 CHANGED TO Cu COMPRESSION LUGS | K.I. | C.C. | C.C. | FEB'05 |
| 4 | DRAWING REFERENCES CHANGED/ADDED. | J.A.L. | S.C.M. | F.R.R. | JAN'97 |
| 3 | NOTES 1 & 2 ADDED. MATERIALS LIST EDITED. | J.A.L. | S.C.M. | P.J.D. | MAY'95 |
| 2 | ARRANGEMENT MODIFIED TO SUIT METAL OXIDE SURGE DIVERTER. | gmck | N.S. | B.T.K. | OCT'92 |
| 1 | POLE ORIENTATION AMENDED. | gmck | N.S. | - | FEB'92 |
| No. | AMENDMENT | DRN | CKD | APPD | DATE |

PowerWater

| | | | | |
|-----------------------------|----------|-------------------------------------|----------------|---------------------|
| DES | T.M.-L. | N.T. STANDARD DRAWING | | |
| DRN | pmc | SUBSTATIONS | | |
| CKD | N.S. | 500 kVA - STEP DOWN | | |
| APPD | B.T.Kent | ONE and A HALF POLE | | |
| SCALE | 1:40 | GENERAL ARRANGEMENT | | |
| ISSUED | FEB'91 | A3 | DRAWING NUMBER | S01-02-06-06 |
| ALL DIM. IN | mm | | AMDT | |
| DRAWING STANDARD TO AS 1100 | | CAD PRODUCT - DO NOT AMEND MANUALLY | | |