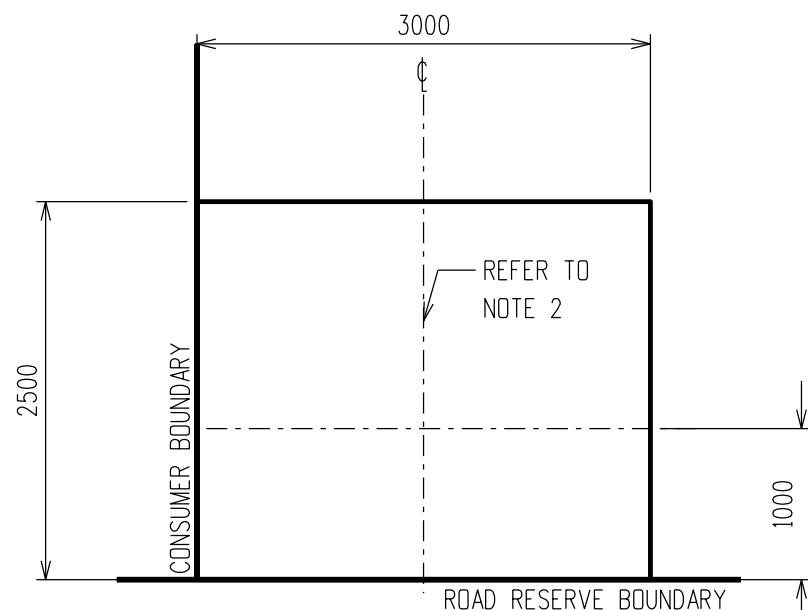
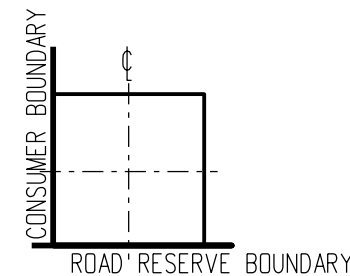


**THREE PHASE SUBSTATION -
7000 SERIES & OLDER**



**SINGLE PHASE SUBSTATION &
OIL FILLED RING MAIN UNITS**

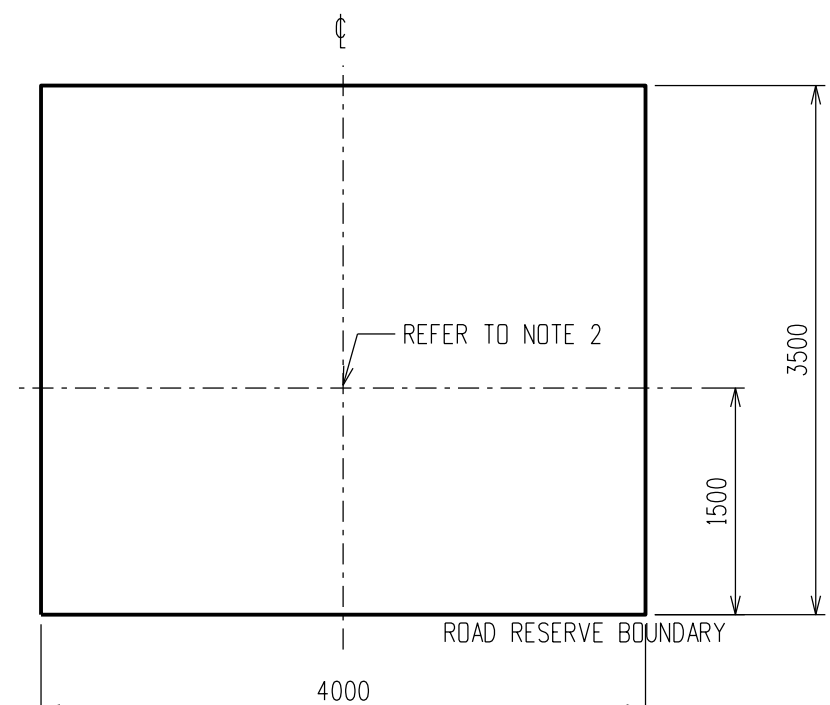


LOW VOLTAGE PILLAR

REFER TO NOTE 6

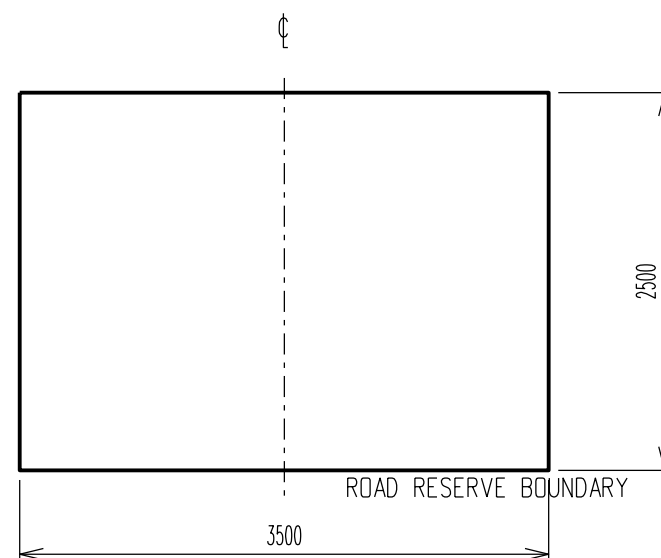
NOTES:

- EASEMENTS ARE FOR STANDARD ARRANGEMENT ADJACENT TO ROAD RESERVE
- EASEMENTS ARE SIZED TO INCLUDE EQUIPOTENTIAL GRADING RINGS AROUND HV METAL CLAD EQUIPMENT
- CENTRE LINES INDICATE POSITIONING OF SUBSTATION CONCRETE
- THREE PHASE SUBSTATION EASEMENT OF 4000x3500 ARE REQUIRED FOR ALL GREENFIELD INSTALLATIONS.
- MK2 & MK3 SUBSTATIONS CAN BE INSTALLED WITHIN A 3500x3500 EASEMENT ON BROWNFIELD SITES, WHERE EXTRA EASEMENT CANNOT BE OBTAINED.
- 3 AND 5 SLOT STRIPPLE FUSE AND GREEN TURRENT PILLARS REQUIRE 1000x1000mm EASEMENTS. 7 SLOT STRIPPLE FUSE PILLARS REQUIRE 2000x2000mm EASEMENTS. REFER TO S02-2-3-12 FOR STRIPPLE FUSE PILLAR ORIENTATION INSIDE THE EASEMENT.



MK2 or MK3 THREE PHASE SUBSTATION

REFER NOTE 3 & 4



GAS INSULATED RING MAIN UNITS

| NO | DESCRIPTION | DRN | DATE | CKD | APPD |
|----|--|------|---------|------|------|
| 7 | UPDATED NOTES | CWM | AUG '17 | B.V. | B.C. |
| 6 | MK3 DETAILS ADDED, NOTE 4 CHANGED TO 5, NOTES 3 & 4 ADDED | I.B. | JUL '17 | B.V. | B.C. |
| 5 | NOTE 3 AMENDED | K.T. | JUN '16 | A.T. | B.C. |
| 4 | CABLE EASEMENT REMOVED, LV PILLARS UPDATED, MK2 PACKAGE SUBSTATION ADDED, NOTE 4 ADDED | A.T. | DEC '11 | B.C. | S.C. |
| 3 | GAS INSULATED RING MAIN UNITS ADDED | A.T. | JUN '11 | B.N. | S.C. |

| | | | | |
|-------------------------------|------------|--|----------------|------------|
| DES | ... | POWER STANDARD DRAWING | | |
| DRN | J. COPPINS | CIVIL SUBSTATION EASEMENT DETAILS HV & LV EQUIPMENT | | |
| CKD | A. TAYLOR | | | |
| APPD | S.C. | | | |
| SCALE | 1:50 | | | |
| ISSUED | MAY '09 | A3 | DRAWING NUMBER | S02-2-6-17 |
| ALL DIM. | IN mm | | | |
| DRAFTING STANDARD TO A.S.1100 | | CAD PRODUCT - DO NOT AMEND MANUALLY | | AMDT |

