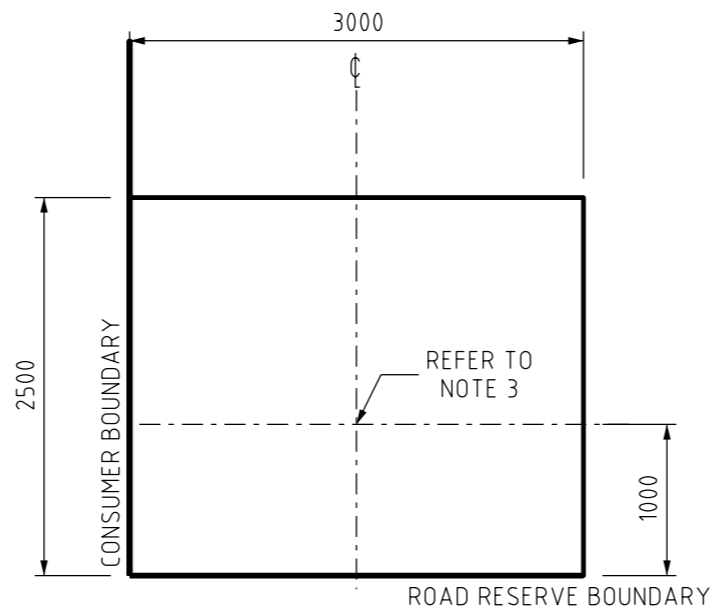
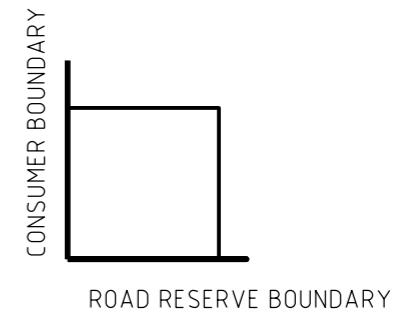


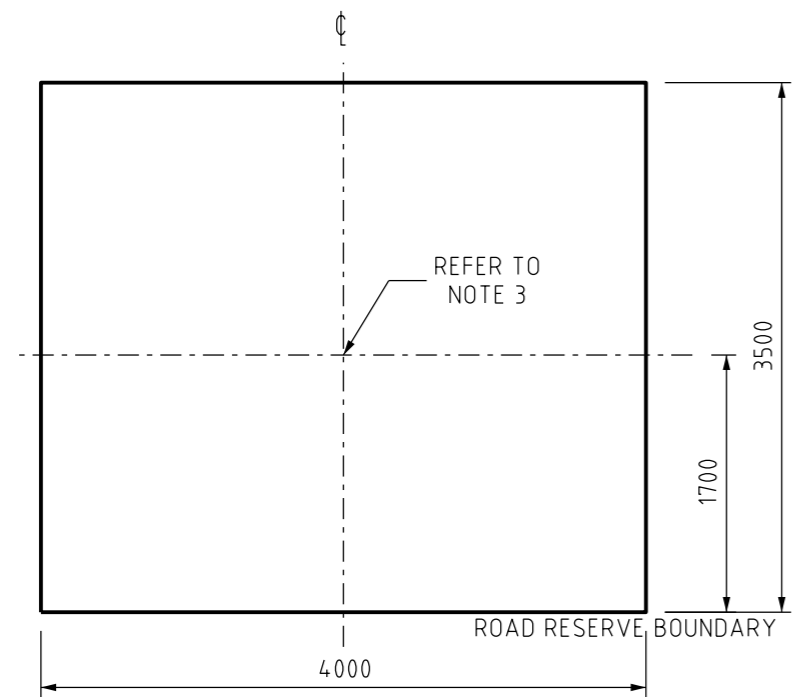
THREE PHASE SUBSTATION - 7000 SERIES & OLDER



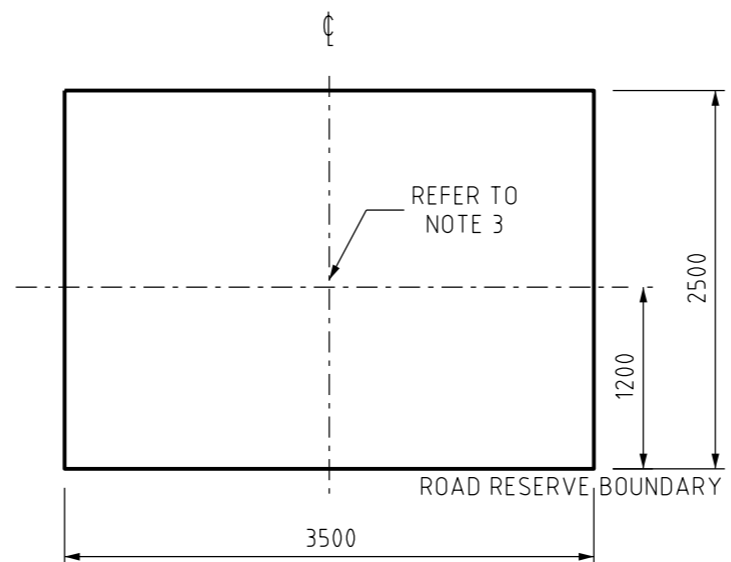
SINGLE PHASE SUBSTATION & OIL FILLED RING MAIN UNITS



LOW VOLTAGE PILLAR
REFER TO NOTE 6



MK2 or MK3 THREE PHASE SUBSTATION
REFER NOTE 3 & 4



GAS INSULATED RING MAIN UNITS

NOTES:

1. EASEMENTS ARE FOR STANDARD ARRANGEMENT ADJACENT TO ROAD RESERVE.
2. EASEMENTS ARE SIZED TO INCLUDE EQUIPOTENTIAL GRADING RINGS AROUND HV METAL CLAD EQUIPMENT.
3. CENTRE LINES INDICATE POSITIONING OF SUBSTATION OR RING MAIN UNIT CONCRETE PLINTH.
4. THREE PHASE SUBSTATION EASEMENT OF 4000x3500 ARE REQUIRED FOR ALL GREENFIELD INSTALLATIONS.
5. MK2 & MK3 SUBSTATIONS CAN BE INSTALLED WITHIN A 3500x3500 EASEMENT ON BROWNFIELD SITES, WHERE EXTRA EASEMENT CANNOT BE OBTAINED.
6. 3 AND 5 SLOT STRIPPLE FUSE AND GREEN CURRENT PILLARS REQUIRE 1000x1000mm EASEMENTS. 7 SLOT STRIPPLE FUSE PILLARS REQUIRE 2000x2000mm EASEMENTS. REFER TO S02-02-03-12 FOR STRIPPLE FUSE PILLAR ORIENTATION INSIDE THE EASEMENT.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
10	CORRECT TEXT & CENTRE LINE	C.C.	DEC'20	B.V.	B.C.
9	RECTIFY FAULTY TEXT	CWN	FEB'20	B.V.	B.C.
8	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
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 RING MAIN UNIT & LV PILLAR EASEMENT DETAILS HV & LV EQUIPMENT		
CKD	A.TAYLOR			
APPD	S.C.			
SCALE	1:50			
ISSUED	MAY'09	A3	DRAWING NUMBER	S02-02-06-17
ALL DIM. IN	mm			
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT