



NOTE

1. THIS DRAWING ILLUSTRATES THE RANGE OF OPTIONS AVAILABLE FOR THIS TYPE OF SUBSTATION. ALL SUBSTATION PLANS CAN BE MIRROR-IMAGED TO SUIT THE CONSUMERS' BUILDING LAYOUT. REFERENCE SHOULD BE MADE TO THE DRAWINGS LISTED BELOW FOR CONSTRUCTION DETAILS AND TO THE PUBLICATION "ELECTRICITY SUPPLY TO LARGE CUSTOMERS" FOR ADDITIONAL INFORMATION.
2. UNLESS THE CHAMBER FRONTS ONTO THE STREET, AN ACCESS ROAD FOR HEAVY VEHICLES IS REQUIRED FROM THE STREET TO THE FRONT OF THE SUBSTATION CHAMBER. REFER TO THE PUBLICATION "ELECTRICITY SUPPLY TO LARGE CUSTOMERS" FOR ACCESS REQUIREMENTS.
3. THE GROUND BENEATH THE SUBSTATION WILL BE REQUIRED TO ACCOMMODATE DEEP EARTHING ELECTRODES. IT MUST BE FREE OF ALL OBSTRUCTIONS, INCLUDING SEWERS, PIPES AND UNDERGROUND CONSTRUCTION.
4. UP TO 3 STEPS MAY BE PROVIDED AT ANY PERSONEL DOOR INCLUDING APPROPRIATE HANDRAIL. IF STEPS ARE TO BE LOCATED WITHIN THE SUBSTATION CHAMBER, IT WILL BE NECESSARY TO EXTEND THE SUBSTATION CHAMBER TO ACCOMMODATE THE ENCROACHMENT OF THE STEPS SUCH THAT THE INTERNAL DIMENSIONS OF THE SUBSTATION CHAMBER ARE NOT REDUCED.
5. SUBSTATION HEADROOM - 3000mm MINIMUM.
6. DEPTH OF HV PIT - 900mm.
7. SUBSTATION DIMENSIONS WILL VARY DEPENDING ON THE LOCATION IN WHICH EQUIPMENT IS INSTALLED. THROUGH OUT THE SUBSTATION CHAMBER A MINIMUM OF 1000mm CLEAR OPENING SHALL BE PROVIDED FROM ANY STRUCTURE TO EQUIPMENT AND A MINIMUM OF 900mm BETWEEN EQUIPMENT.

INTERNAL FITOUT DETAILS	S02-2-7-54 S02-2-7-55 S02-2-7-56
INDOOR SUBSTATION SURFACE CHAMBER CONSTRUCTION NOTES	S02-2-7-00
THREE TRANSFORMER INDOOR SUBSTATION SURFACE CHAMBER - OPTION 3 CONSTRUCTION DETAILS	S02-2-7-42 S02-2-7-43 S02-2-7-44
THREE TRANSFORMER INDOOR SUBSTATION SURFACE CHAMBER - OPTION 2 CONSTRUCTION DETAILS	S02-2-7-39 S02-2-7-40 S02-2-7-41
THREE TRANSFORMER INDOOR SUBSTATION SURFACE CHAMBER - OPTION 1 CONSTRUCTION DETAILS	S02-2-7-35 S02-2-7-36 S02-2-7-37 S02-2-7-38
REFERENCE DRAWING	DRWG. No.

NO	DESCRIPTION	DRN	DATE	CKD	APPD
1	NOTE 7 ADDED, DIMENSIONS AMENDED, DRAWINGS S02-2-7-22 AND S02-2-7-23 REPLACED WITH S02-2-7-00	C.C.	JAN'14	A.T.	B.C.
AMENDMENTS					

PowerWater
NORTHERN TERRITORY

DES	I.PURVES	POWER STANDARD DRAWING	
DRN	G.R./A.D.	INDOOR SUBSTATION	
CKD	S.LEACH	THREE TRANSFORMER ARRANGEMENT	
APPD	F.ROBSON	SURFACE CHAMBER	
SCALE	AS SHOWN	LAYOUT OPTIONS PLAN	
ISSUED	MARCH '98	A3	DRAWING NUMBER S02-2-7-34
ALL DIM.	IN mm		
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY	

AMDT