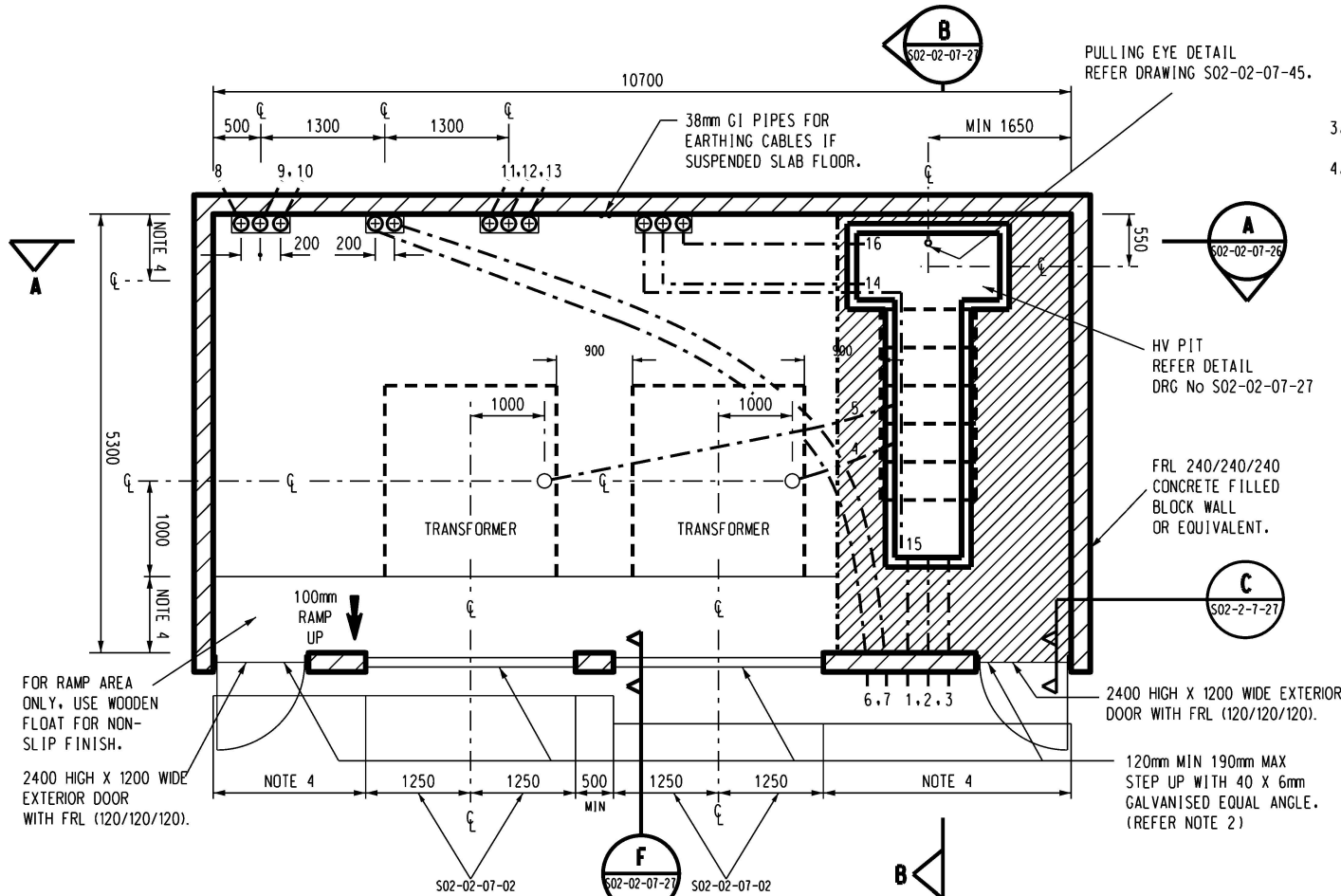


**TWO TRANSFORMER SUBSTATION
SUBSTATION SIZE MINIMUM 10700 X 5300 - INTERNAL DIMENSIONS**



PLAN VIEW

NOTE

1. SUBSTATION PLAN CAN BE MIRROR IMAGED TO SUIT THE CONSUMERS' BUILDING LAYOUT.
2. ADDITIONAL STEPS (UP TO A MAXIMUM OF 3) INCLUDING AN APPROPRIATE HANDRAIL MAY BE PROVIDED AT ANY PERSONNEL DOORWAY. IF THE 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.
3. RAISED FLOOR AREA TO BE 150mm BEYOND OUTSIDE EDGE OF PIT.
4. SUBSTATION DIMENSIONS WILL VARY DEPENDING ON THE LOCATION IN WHICH EQUIPMENT IS INSTALLED. THROUGHOUT THE SUBSTATION CHAMBER A MINIMUM OF 1000mm CLEAR OPENING SHALL BE PROVIDED FROM ANY STRUCTURE TO EQUIPMENT AND A MINIMUM OF 900mm BETWEEN EQUIPMENT. EXEMPTION WITH RMUS WHERE A MINIMUM 300mm OPENING BETWEEN UNITS IS REQUIRED.

INDOOR SUBSTATION EARTHING LAYOUT	S02-02-07-46
INDOOR SUBSTATION SURFACE CHAMBER CABLE TRAY DETAILS	S02-02-07-49
INDOOR SUBSTATION SURFACE CHAMBER LOUVRED DOOR DETAILS	S02-02-07-02
INDOOR SUBSTATION SURFACE CHAMBER CONSTRUCTION NOTES	S02-02-07-00
TWO TRANSFORMER INDOOR SUBSTATION SURFACE CHAMBER - OPTION 1 CONSTRUCTION DETAILS SHEET 2 OF 3	S02-02-07-26
TWO TRANSFORMER INDOOR SUBSTATION SURFACE CHAMBER - OPTION 1 CONSTRUCTION DETAILS SHEET 3 OF 3	S02-02-07-27

REFERENCE DRAWING				DRWG. No.
16	50	CAT. A PVC		CONTROL CABLES
14, 15	50, 65	CAT. A PVC		HV SW/GR EARTH, HV HEATERS
8-13	150	CAT. A PVC	1200	LV TO CONSUMER
6, 7	150	CAT. A PVC	1200	LV TO STREET NETWORK
4, 5	150	CAT. A PVC	760	HV TO TRANSFORMER
1, 2, 3	150	CAT. A PVC	1200	HV FEEDERS
No.	DIA. mm	MAT	BEND RAD.	REMARKS

CONDUIT SCHEDULE

NO	DESCRIPTION	DRN	DATE	CKO	APPD
5	NOTE 4 AMENDED	H.E.	AUG'20	B.C.	B.C.
4	TITLEBLOCK & DRAWING NUMBERS FORMATTED	K.T.	FEB'19	C.C.	C.C.
3	DIMENSIONS AMENDED	A.B.	JAN'17	I.B.	B.C.
2	NOTE 5 ADDED, DIMENSIONS CHANGED, DRAWINGS S02-02-07-22 AND S02-02-07-23 REPLACED WITH S02-02-07-00, DOORS UPDATED	A.T.	JUN'14	B.C.	B.C.
1	CONDUIT MATERIAL UPDATED	J.C.	NOV'09	A.T.	S.C.



DES	I. PURVES	POWER STANDARD DRAWING		
DRN	G.R./A.D.	INDOOR SUBSTATION TWO TRANSFORMER ARRANGEMENT SURFACE CHAMBER - OPTION 1 CONSTRUCTION DETAILS SHEET 1 OF 3		
CKD	S. LEACH			
APPD	F. ROBSON			
SCALE	AS SHOWN			
ISSUED	MARCH '98	A3	DRAWING NUMBER	S02-02-07-25
ALL DIM. IN mm				
DRAFTING STANDARD TO A.S. 1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMD T