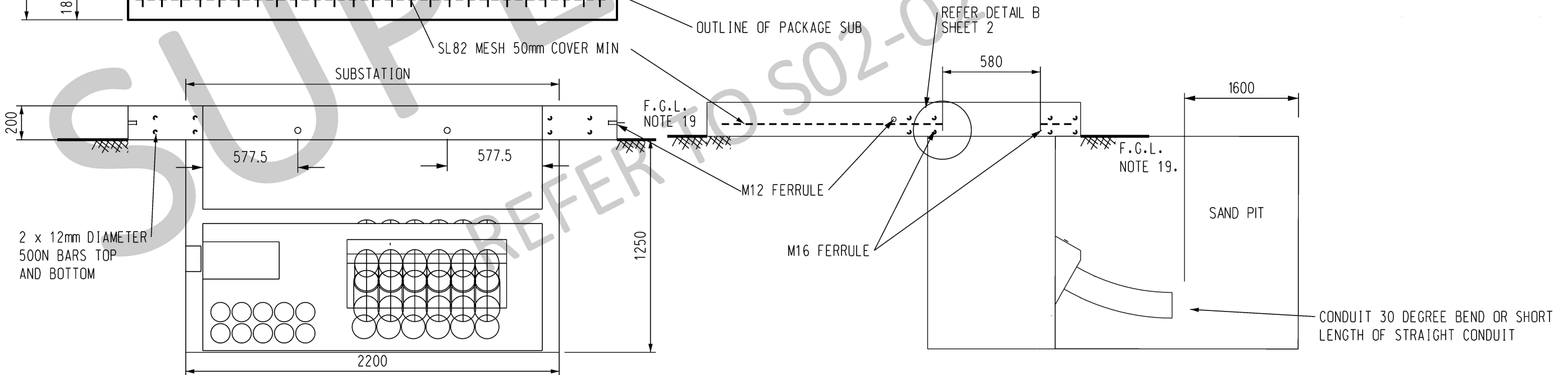
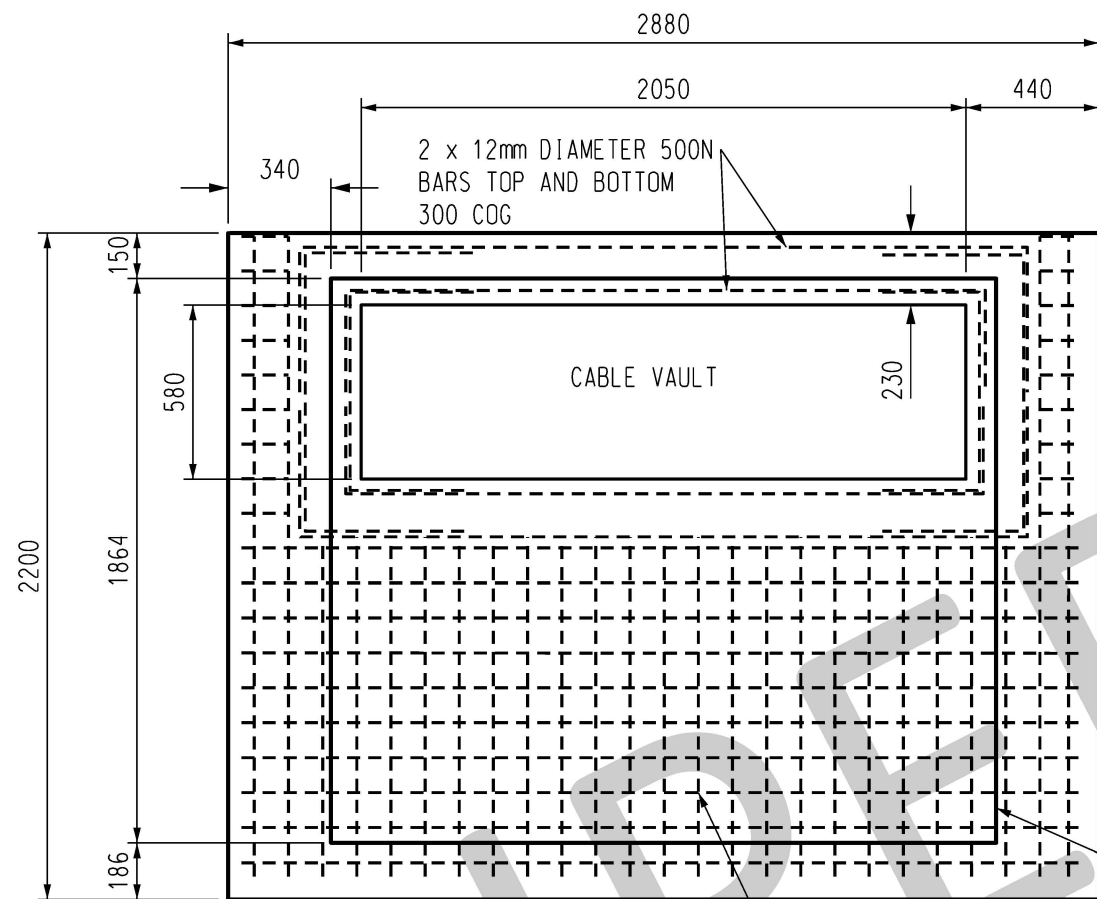


NOTES:

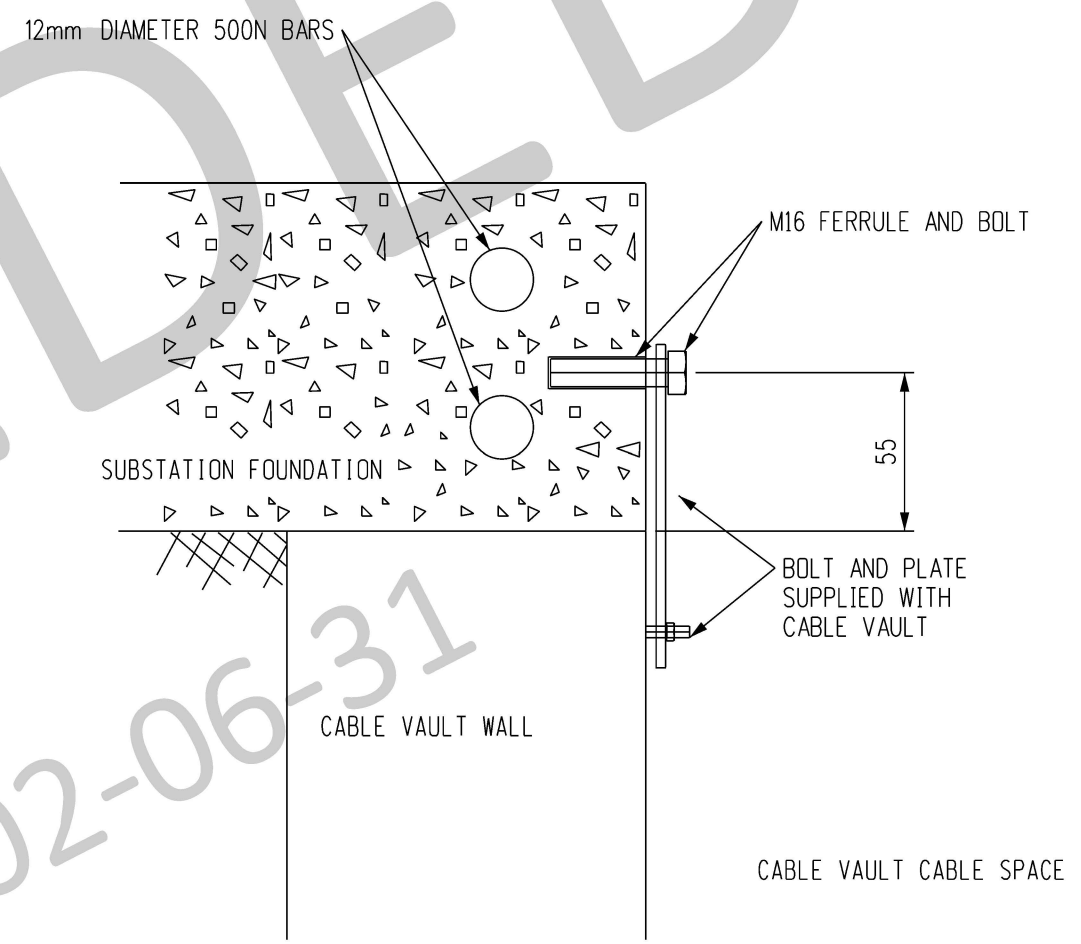
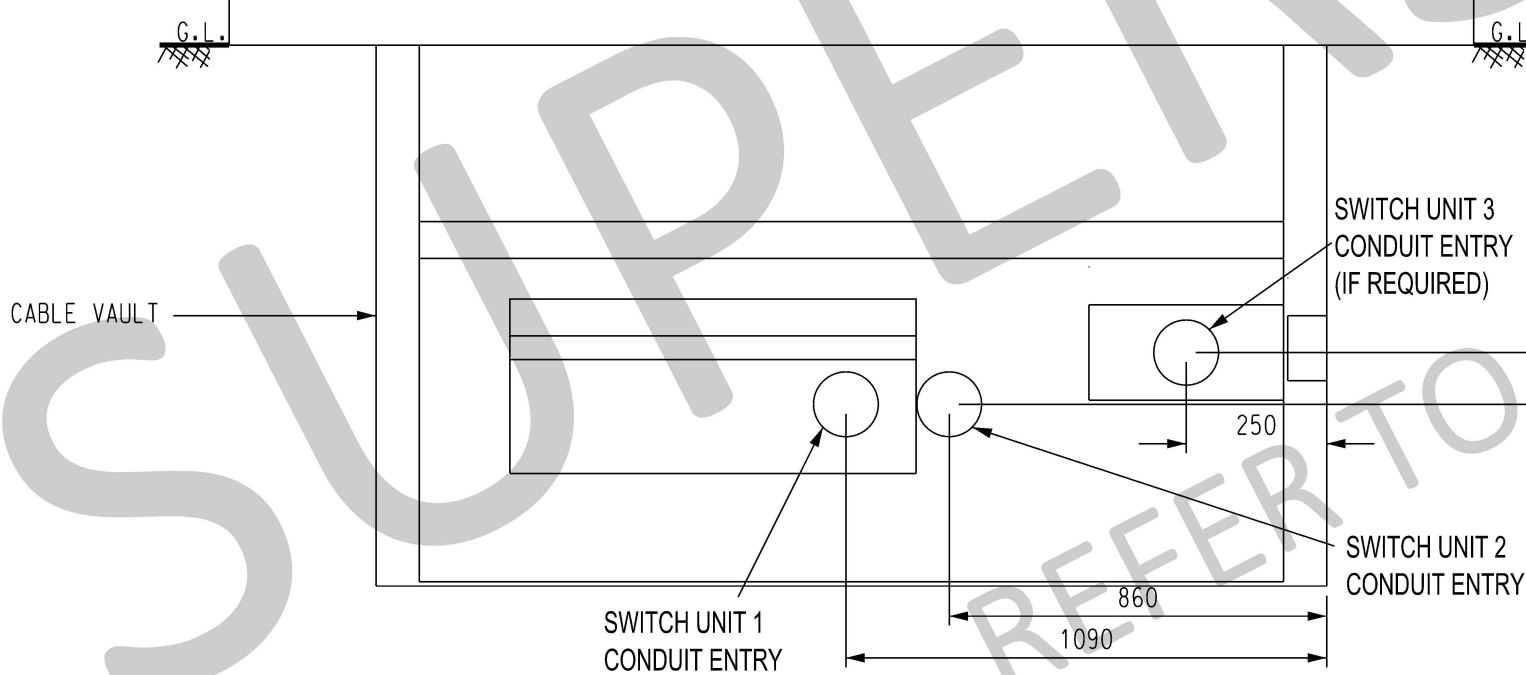
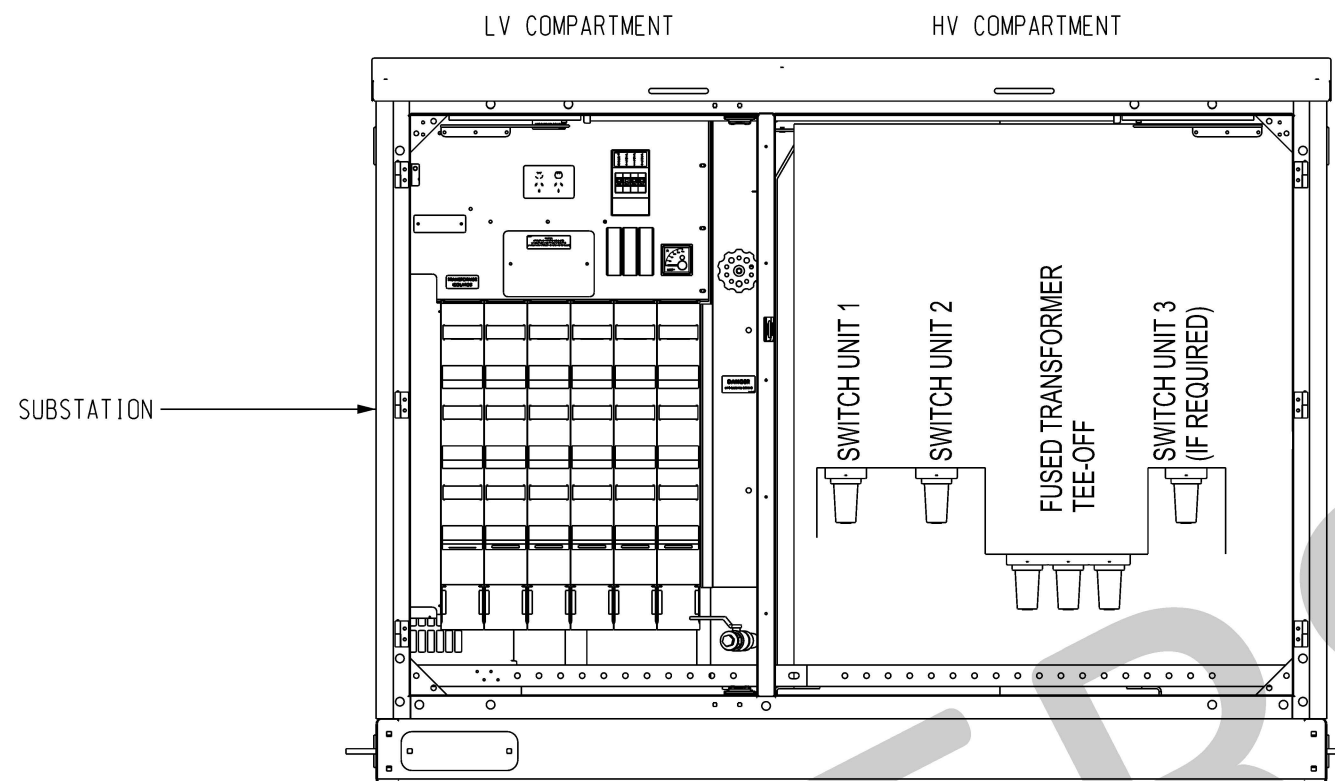
1. ACCESS TO THE SUBSTATION WORKING FACE MUST BE CLEAR AND LEVEL AT ALL TIMES.
2. VACANT CONDUITS SHALL BE CAPPED.
3. EARTHING SHALL BE INSTALLED IN ACCORDANCE WITH DRG S02-02-05-10 ,THE BUILDER IS TO GIVE 24 Hrs NOTICE OF INTENTION TO POUR SLAB.
4. NO BUILDING SERVICES (INCLUDING DRAINAGE, SEWERAGE, WATER PIPES AND ELECTRICAL WIRING) OTHER THAN THOSE ESSENTIAL TO THE SUBSTATION OPERATION SHALL PROTRUDE INTO THE SUBSTATION AREA.
5. WHERE THE SUBSTATION IS NOT ON THE PROPERTY BOUNDARY THE CONSUMER SHALL PROVIDE RIGID HEAVY DUTY PVC CONDUITS (ORANGE) FROM THE SUBSTATION ENTRY TO THE PROPERTY BOUNDARY. THE SIZE OF THE CONDUITS AND THE ROUTE THAT THEY ARE TO FOLLOW IS TO BE DETERMINED BY THE PWC REGIONAL ENGINEER OR APPROPRIATE TECHNICAL OFFICER.
6. THE BUILDER IS TO GIVE 48 Hrs NOTICE OF INTENTION TO BACK FILL DUCT TRENCHES.
7. CONCRETE SHALL BE CLASS 20/20 IN ACCORDANCE WITH AS 3600.
8. EXCAVATED VOLUME FOR CABLE VAULT INSTALLATION SHALL BE BACK FILLED WITH WASHED IN SAND.
9. FILL THE BOTTOM OF THE CABLE VAULT WITH 200MM OF UNCOMPRESSED SAND.
10. ALL CABLE ENTERING THE SUBSTATION VAULT SHALL BE VIA 30 DEGREE SWEEP BEND CONDUIT OR A SHORT LENGTH OF STRAIGHT CONDUIT SET AT 30°. REFER DETAIL A SHEET 2 FOR CONDUIT ENTRY LOCATIONS IN THE CABLE VAULT.
11. TOP OF CABLE VAULT SHALL SIT UNDER THE CONCRETE FOUNDATION WITH OPENINGS ALIGNED. REFER DETAIL B, SHEET 2 FOR ANCHORING CABLE VAULT TO SUBSTATION FOUNDATION DETAILS.
12. A LAYER OF WEATHER PROOFING SEALANT SUCH AS SIKAFLEX SHALL BE PLACED BETWEEN THE SUBSTATION PLINTH AND THE CONCRETE FOUNDATION.
13. ALL VOIDS INSIDE CONDUITS AND BETWEEN CONDUITS SHALL BE FILLED WITH EXPANDING FOAM TO PREVENT WATER AND VERMIN INGRESS.
14. ALL AREAS AROUND THE VAULT AND SUBSTATION SHALL BE COMPACTED TO PREVENT FUTURE GROUND MOVEMENT.
15. ALL CONDUITS ENTERING THE VAULT SHALL BE FINISHED WITH A BELL MOUTH END CAP.
16. FOR SUBSTATION DETAILS REFER TO DRAWING S02-01-07-17.
18. ALL SUBSTATION FOUNDATION REINFORCING METALWORK SHALL BE WELDED TOGETHER AND CONNECTED TO M12 FERRULES LOCATED ON BOTH SIDES OF THE SUBSTATION FOUNDATION.
19. REFER TO S02-02-06-33 FOR GROUND LEVEL AND EARTHING APRON DETAILS.
20. CONDUIT ENTRY INTO THE CABLE VAULT SHALL BE CUT WITH EITHER A HOLE SAW OR JIGSAW.



3	WATERMARK UPDATED	H.E.	JAN'20	H.E.	B.C.
2	DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
1	NOTES 12, 19 CHANGED, NOTE 17 REMOVED	A.T.	JUL'13	B.C.	B.C.
0	ISSUED FOR CONSTRUCTION	J.C.	NOV'12	B.C.	S.C.
NO	DESCRIPTION	DRN	DATE	CKD	APPD
AMENDMENTS					

PowerWater
NORTHERN TERRITORY

DES	A. TAYLOR	POWER STANDARD DRAWING		
DRN	J. COPPINS	CIVIL. PACKAGE SUBSTATION MK2		
CKD	B. CHEUNG	CABLE ENTRY AND FOUNDATION DETAILS		
APPD	B. CHEUNG	GREEN FIELD INSTALLATION		
SCALE	AS SHOWN	SHEET 1 OF 2		
ISSUED	AUG '11	A3	DRAWING NUMBER	S02-02-06-30_1
ALL DIM.	IN mm			3
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMEND MANUALLY		AMDT



ITEM	QTY	DESCRIPTION	ITEM NUMBER	DWG No.
3	AR	BELL MOUTH END CAP	-	-
2	AR	30 DEGREE SWEEP BEND CONDUIT	-	-
1	1	POLYETHELENE CABLE VAULT	414044	-

MATERIAL SCHEDULE

DETAIL A

DETAIL B

NO	DESCRIPTION	DRN	DATE	CKD	APPD
3	WATERMARK UPDATED	H.E.	JAN'20	H.E.	B.C.
2	TITLEBLOCK & DRAWING NUMBER FORMATTED	K.T.	FEB'19	C.C.	C.C.
1	CHANGES TO SHEET 1	A.T.	JUL'13	B.C.	B.C.
0	ISSUED FOR CONSTRUCTION	J.C.	NOV'12	B.C.	S.C.

AMENDMENTS



DES	A. TAYLOR
DRN	J. COPPINS
CKD	B. CHEUNG
APPD	B. CHEUNG
SCALE	AS SHOWN
ISSUED	AUG '11
ALL DIM.	IN mm

POWER STANDARD DRAWING	
CIVIL PACKAGE SUBSTATION MK2	
CABLE ENTRY AND FOUNDATION DETAILS	
GREEN FIELD INSTALLATION	
SHEET 2 OF 2	
A3	DRAWING NUMBER S02-02-06-30_2
DRAFTING STANDARD TO A.S.1100	
CAD PRODUCT - DO NOT AMEND MANUALLY	

