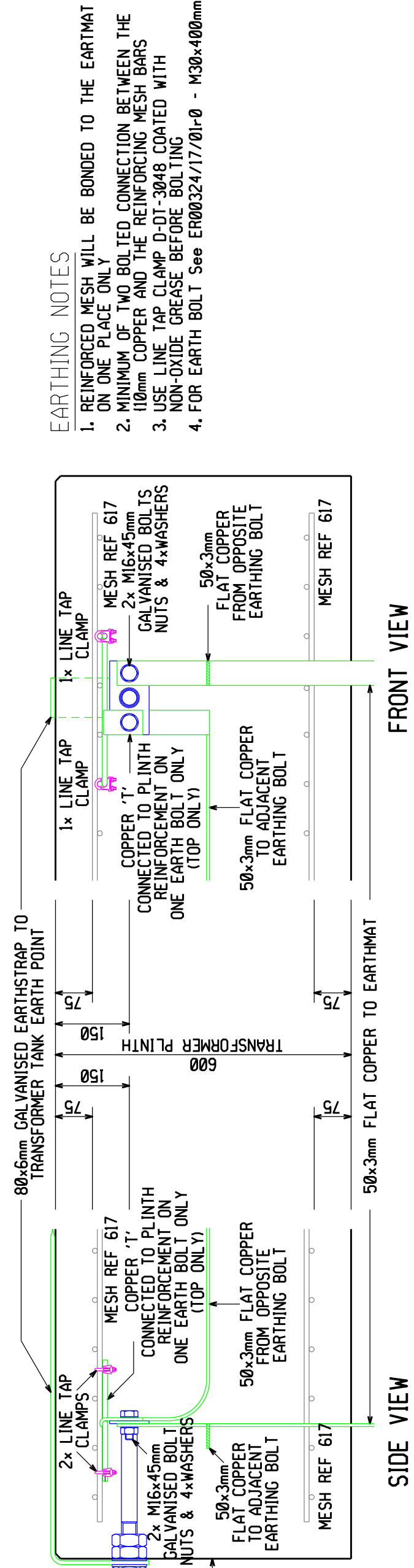


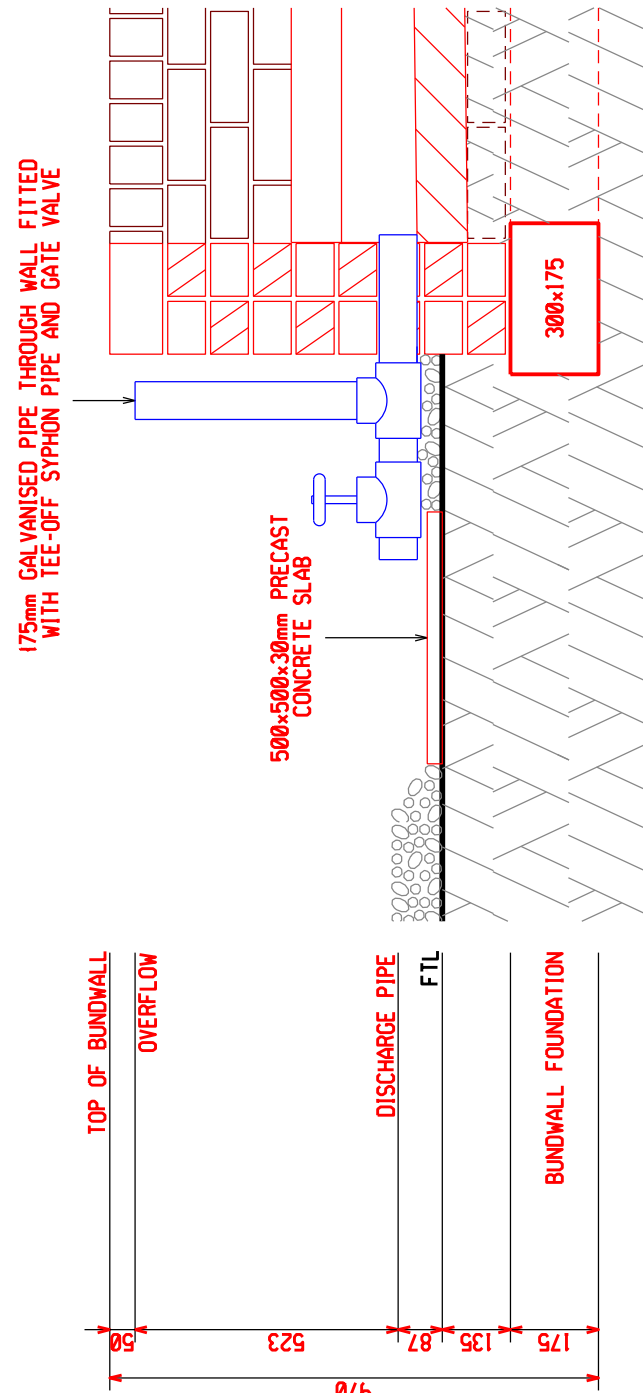
DETAILS OF STOOLS				
TYPE & SIZE	No. REQD.	LENGTH M		BENDING
		CUT	TOTAL	
R10	16	1.35	21.60	13.32

- NOTES
1. REINFORCE FOUNDATION AT TOP AND BOTTOM WITH WELDED MESH FABRIC REF NO 31 TO SABS 1024. TOTAL AREA - 24m² MASS - 74.64kg
 2. USE CLASS 3 CONCRETE (ESKOM SPEC DCS 1431) IE 15MPa AT 28 DAYS
 3. FORMWORK TO UPPER SIDES OF FOUNDATION SHALL EXTEND 150mm BELOW FINISHED LEVEL
 4. ALL TOP EDGES OF FOUNDATION TO BE CHAMFERED 15mm
 5. FOUNDATION LEVEL OBTAINABLE FROM SUBSTATION FOUNDATION LAYOUT

PLINTH EARTHING DETAILS

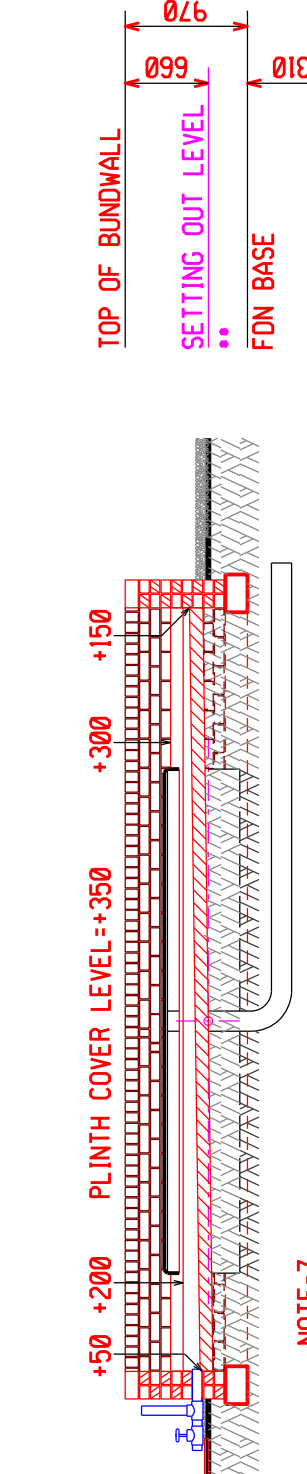
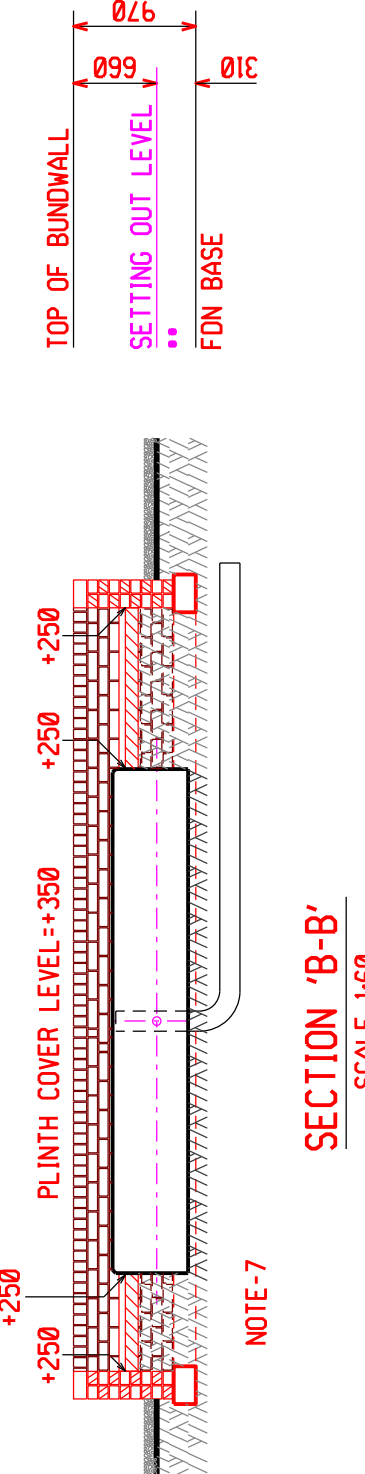
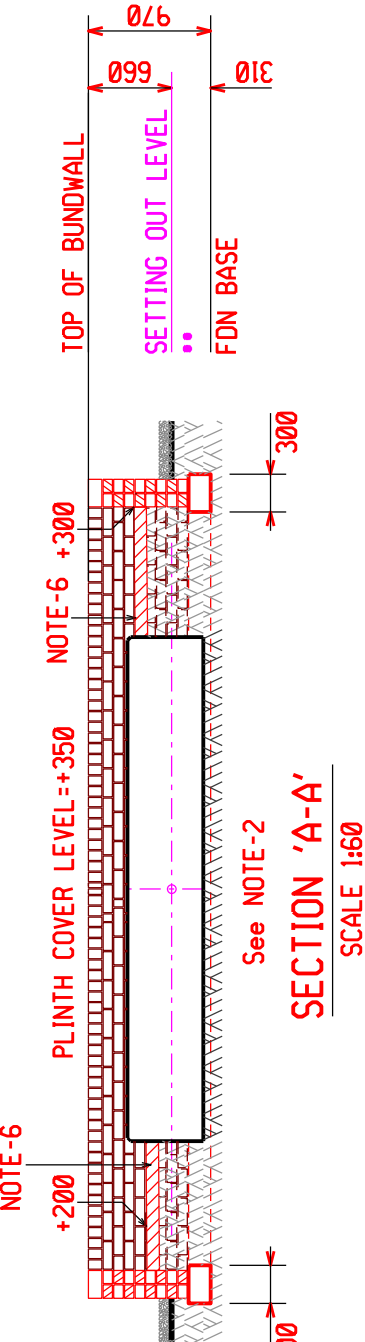
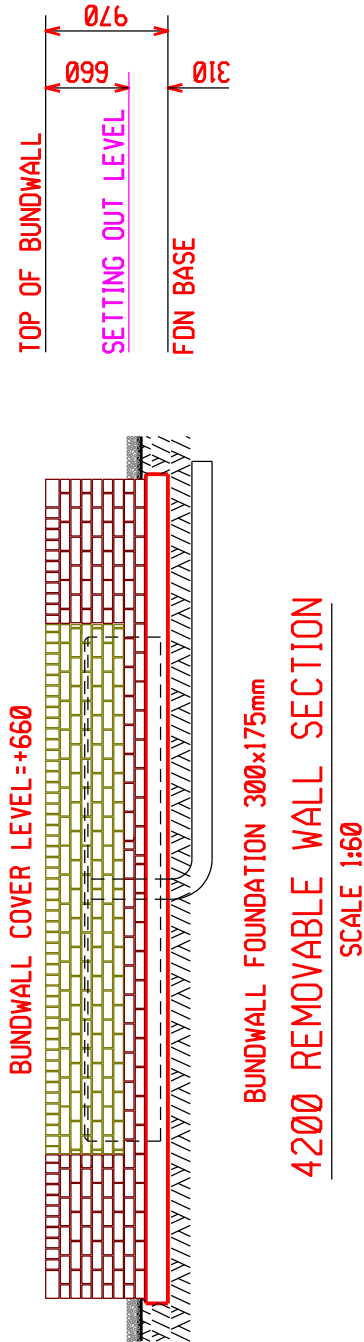
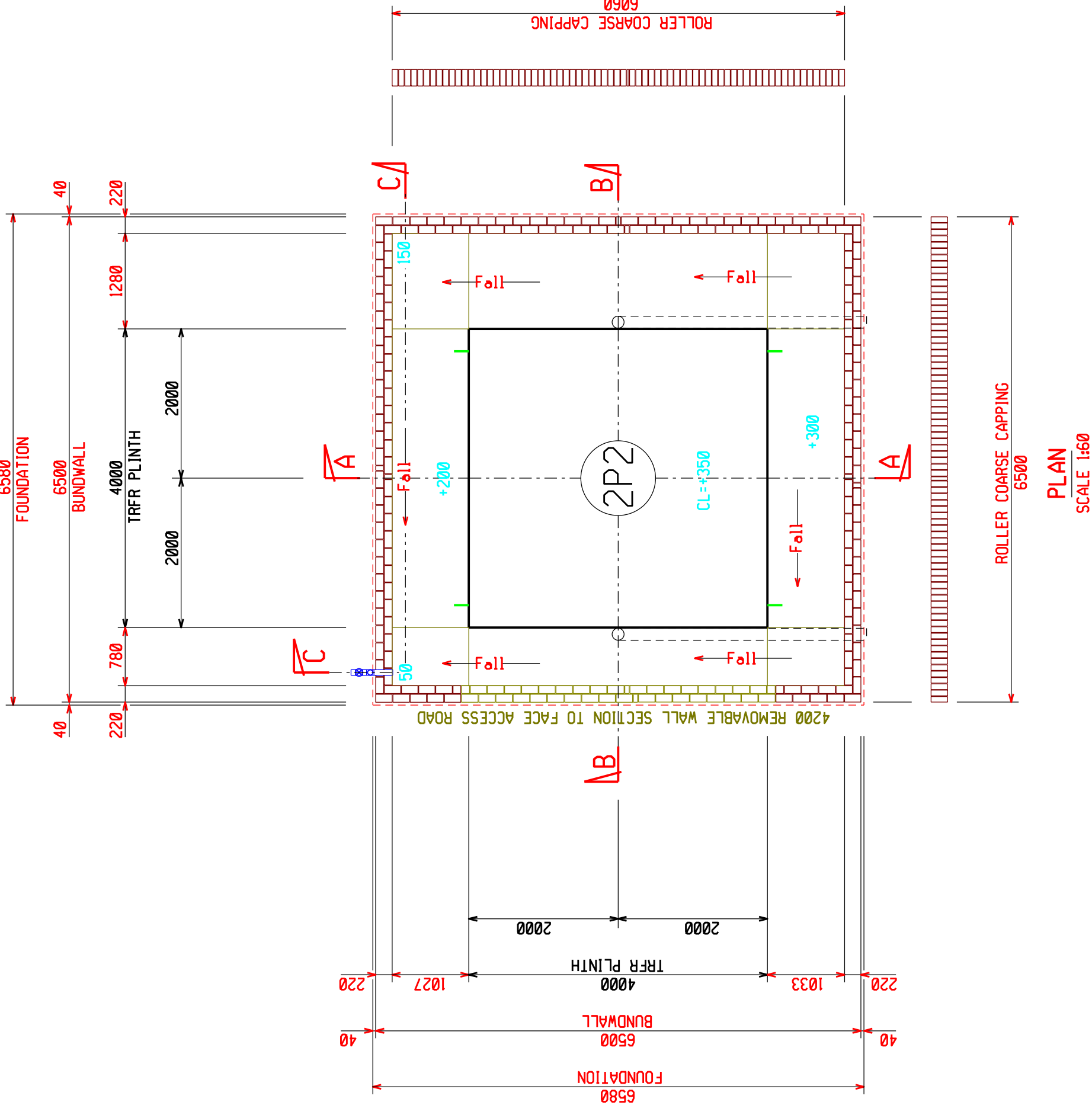


DRAINAGE DETAILS



BUNDWALL NOTES

1. ALL CONCRETE WORK SHALL COMPLY WITH SANS 1200GA MINIMUM 28 DAYS COMPRESSION STRENGTH SHALL BE 25MPa NOMINAL AGGREGATE SIZE SHALL BE 19mm
2. THE SUBGRADE MATERIAL UNDER THE PLINTH SHALL BE COMPACTED TO 95% OF MOD ASHTO MAXIMUM DENSITY
3. * ALL CONSTRUCTION / EXPANSION JOINTS AND CABLE ENTRY POINTS SHALL BE SEALED USING EXPANDABLE INSERTS OR COMPOUND SYSTEMS. THIS SEALING SHALL HAVE A MINIMUM 2 HOUR FIRE RATING IN ACCORDANCE WITH SANS 10177
4. USE 'FBX RED SATIN' FACE BRICKS FOR BUNDWALL BRICKS TO BE MIN 25MPa & MAX 35MPa WITH A 2 HOUR FIRE RATING
5. BUNDWALL TO COMPLY WITH SANS 227 AND APPROVED BY ESKOM. ALL JOINTS SHALL BE CONSTRUCTED WITH 10mm THICK MOTOR (1:1 CEMENT/SAND)
6. 100mm CONCRETE FLOOR TO INSIDE OF BUNDWALL, AFTER ALL CABLING AND EARTHING IS COMPLETED
7. PROVIDE A 1160mm PVC PIPE CABLE DUCTS FROM TOP OF PLINTH TO 100mm OUTSIDE BUND FOUNDATION
8. POSITION AS SHOWN ON SET.17 TO SUITE TRANSFORMER AND TAP CHANGER CABLING
9. 1160mm PVC SLEEVE FOR CABLES, SLEEVE TO BE CORDED AFTER CABLES ARE LAID FINAL POSITION TO BE DETERMINED ON SITE
10. ALL DRAINAGE LEVELS ARE MEASURED RELATIVE TO SETTING
11. OUT LEVEL FINAL TERRACE LEVEL AT THE CENTRE OF PLINTH
12. BUNDWALL FOUNDATION = 1700m³
13. CONCRETE FLOOR = 300m³
14. NUMBER OF BRICKS = 2775



REV		NO	DATE	BY	CHKD	APPROVED	DATE	DESCRIPTION	REVISION DESCRIPTION	
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