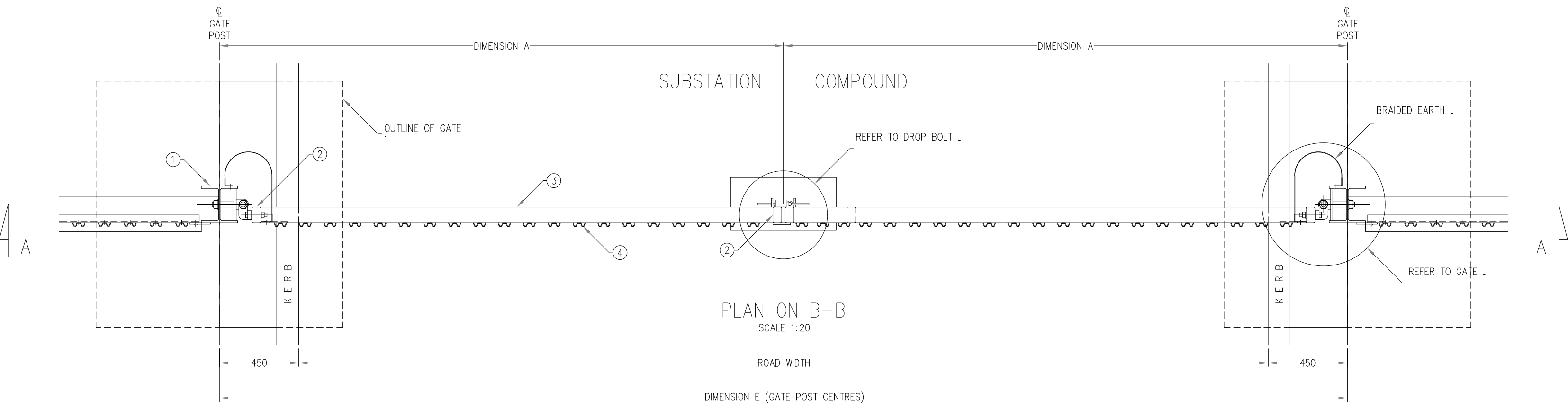
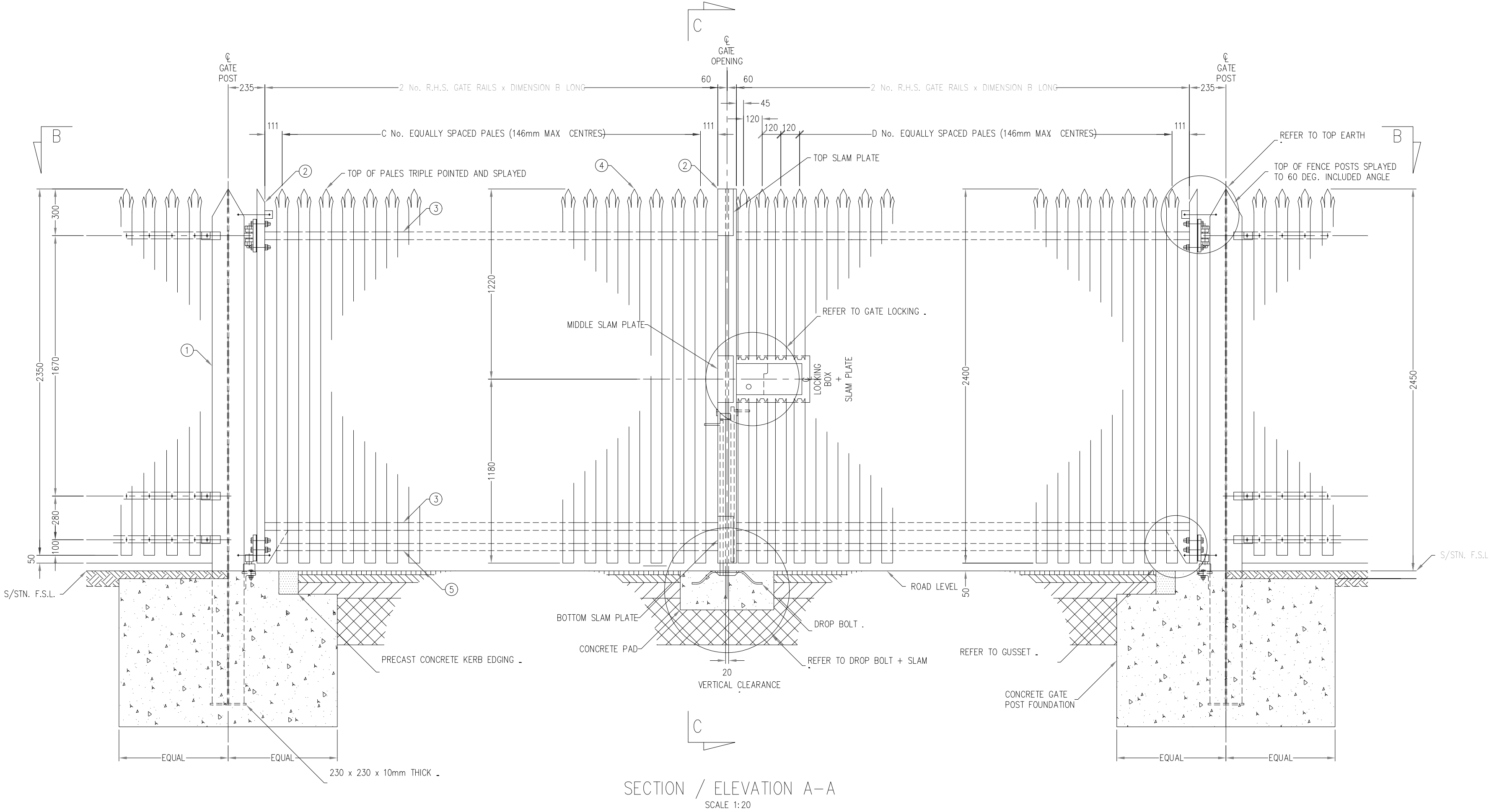
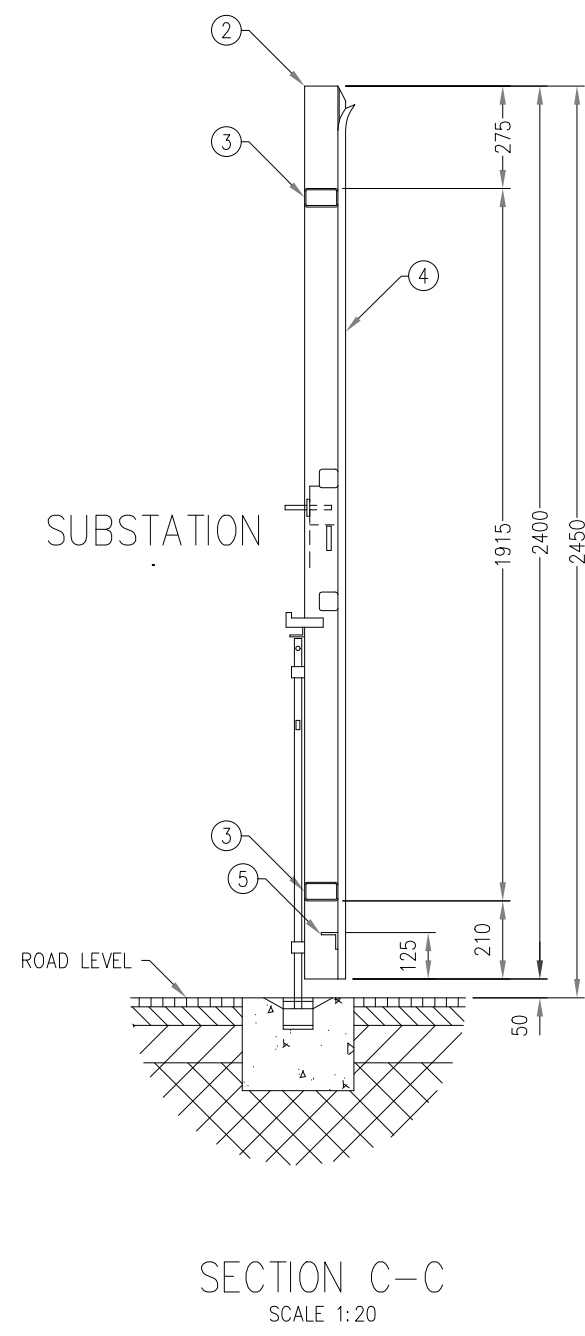
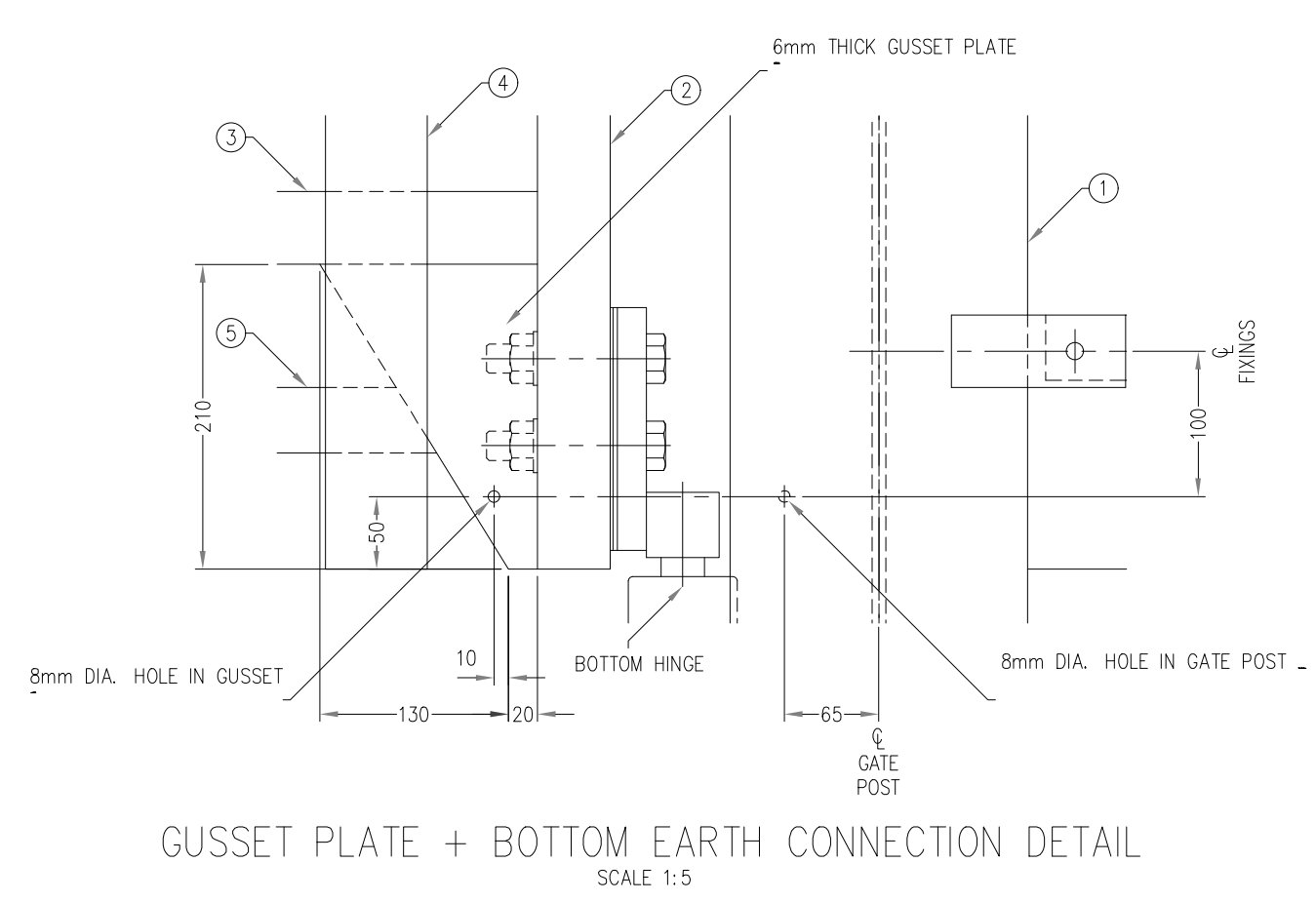
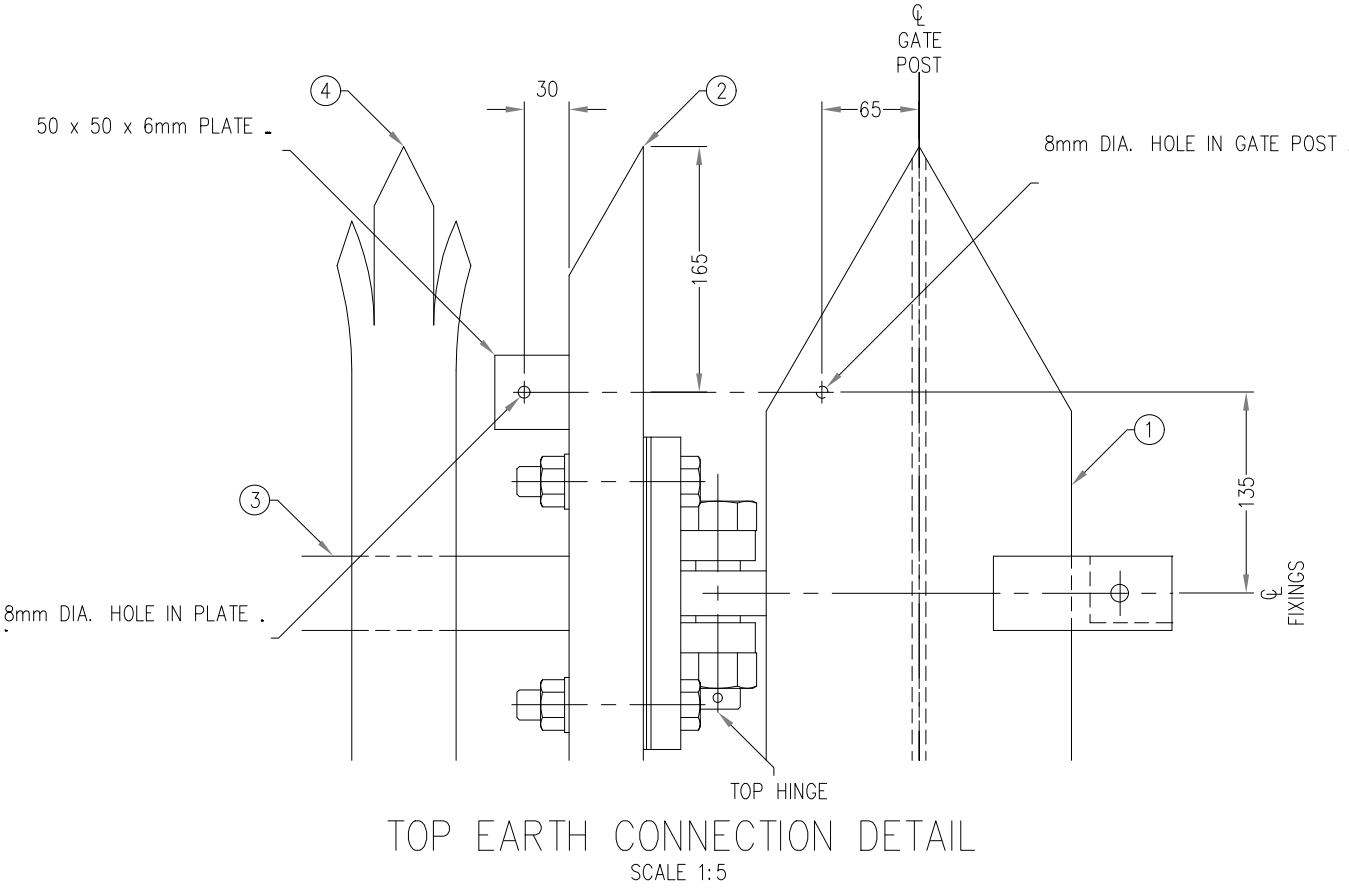




- GATE COMPONENTS:
- 1 203 x 203 x 60kg/m U.C. GATE POST (3300mm LONG)
 - 2 80 x 50 x 3.5mm R.H.S. GATE STRLE (2400mm LONG)
 - 3 80 x 50 x 3.5mm R.H.S. GATE RAIL (DIMENSION B LONG)
 - 4 NOM. 3.0mm THICK 'W' SECTION SECURITY FENCE PALE (2400mm LONG)
 - 5 45 x 45 x 6mm RSA SECURITY RAIL



ROAD WIDTH (m)	A (mm)	B (mm)	C (No.)	D (No.)	E (mm)	OPENING DIRECTION	GATE HANGING ARRANGEMENT (DRG. REF.)	DROP BOLT + SLAM PLATE ARRANGEMENT (DRG. REF.)	GATE POST FOUNDATION PLAN SIZE (m)
5.500	3200	2805	20	18	6400	INWARD	SF71A	SF65A	1,400 x 1,400
						OUTWARD	SF71B	SF65B	
5.000	2950	2650	18	16	5800	INWARD	SF71A	SF65A	1,300 x 1,300
						OUTWARD	SF71B	SF65B	
4.500	2700	2405	16	14	5400	INWARD	SF71A	SF65A	1,250 x 1,250
						OUTWARD	SF71B	SF65B	
4.000	2450	2155	15	13	4900	INWARD	SF71A	SF65A	1,200 x 1,200
						OUTWARD	SF71B	SF65B	
3.500	2200	1905	13	11	4400	INWARD	SF71A	SF65A	0,900 x 0,900
						OUTWARD	SF71B	SF65B	
3.000	1950	1655	11	9	3900	INWARD	SF71A	SF65A	0,800 x 0,800
						OUTWARD	SF71B	SF65B	



NOTES

FOR SPECIFICATIONS SEE NGED COMPANY DIRECTIVE

- ENGINEERING SPECIFICATION - EE SPEC :20

ELECTRIFIED PALISADE FENCE TO ENHANCE SECURITY IN AREAS WITH HIGH PUBLIC ACCESS/INTERACTION WITH THE USE OF GALVANISED WELDED SECURITY MESH REQUIREMENT OF ENHANCED SECURITY TO BE RISK ASSESSED BY THE NGED ASSET OWNER.

MATERIAL: MILD STEEL GRADE S235JR - TO BS EN 10025-2

GENERAL WELDING: MIN 5mm FILLET WELDS THROUGHOUT - TO BS EN 1011

FINISH TO STEEL COMPONENTS HOT DIP GALVANISED TO BS EN ISO 1461 AFTER FABRICATION (INCLUDING ALL WELDING AND PUNCHING OR DRILLING OF HOLES) SMALL AREAS OF DAMAGE TO HOT DIPPED GALVANISED COATING: REPAIR USING LOW MELTING POINT ZINC ALLOY REPAIR RODS OR POWDERS IN ACCORDANCE WITH BS 1722-12 - CLAUSE 5.9/ BS EN 1461

DAMAGE TO HOT DIPPED GALVANISED COATING ON BOLT HEADS AND THREADS: WIRE BRUSH AND REPAIR USING APPROVED ZINC RICH PAINT IN ACCORDANCE WITH BS 1722-12 - CLAUSE 5.9/ BS EN 1461/ BS EN 4682

DO NOT MANUALLY HANDLE COMPLETE FENCE WITHOUT TAKING SPECIAL PRECAUTIONS (MASS OF FENCE PANEL = APPROX 150kg / RISK OF ARTICULATION)

Revision	Rev Date	Rev Description	AM	VA	AA
00	29.04.2025	FIRST ISSUE			

Do not scale from this drawing

All reasonable care and diligence has been taken in the accuracy & content of this drawing. G2 Energy advises that care is taken if you should scale from this drawing. G2 Energy should be consulted prior to the re-use of this drawing.

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Project Number:	P04002
Project Title:	ASTON FLAMVILLE
Client(s):	ELGIN
Project Issue Date:	AUG 2025
Drawn By:	AM
Checked By:	VA
Approved By:	AA
Drawing Number:	P04002-G2E-XX-DR-C-3110
Drawing Name:	Details of Standard 2.4m Double leaf Security Palisade Gates
Scale:	As shown
Paper Size:	A0
Drawing Status:	

FOR APPROVAL