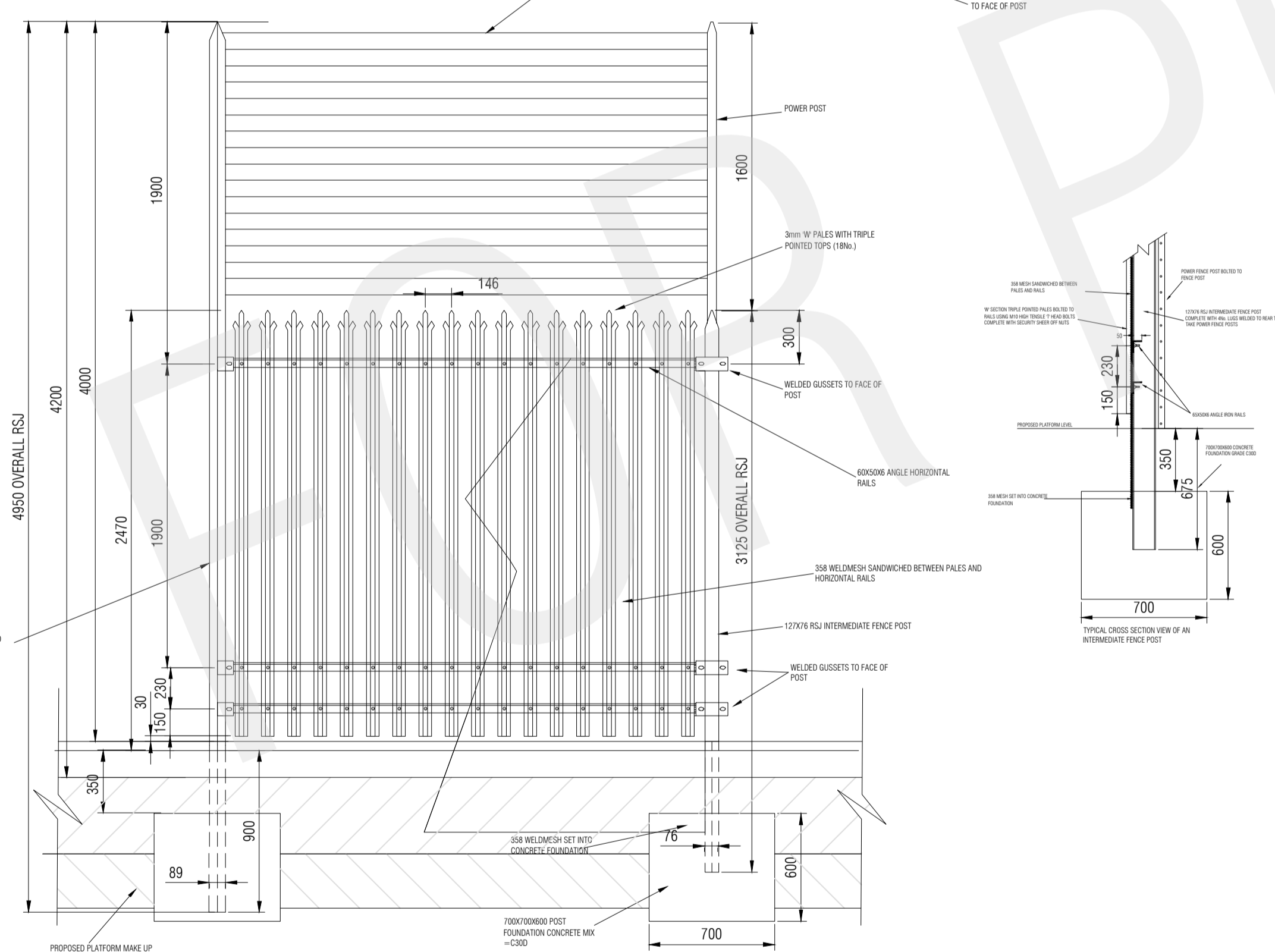
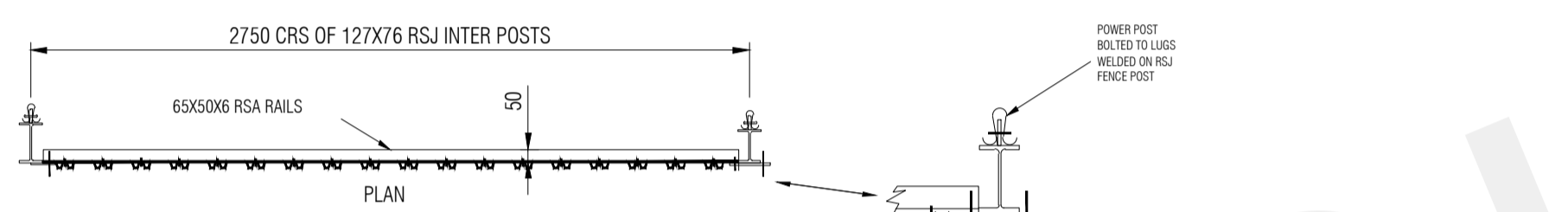


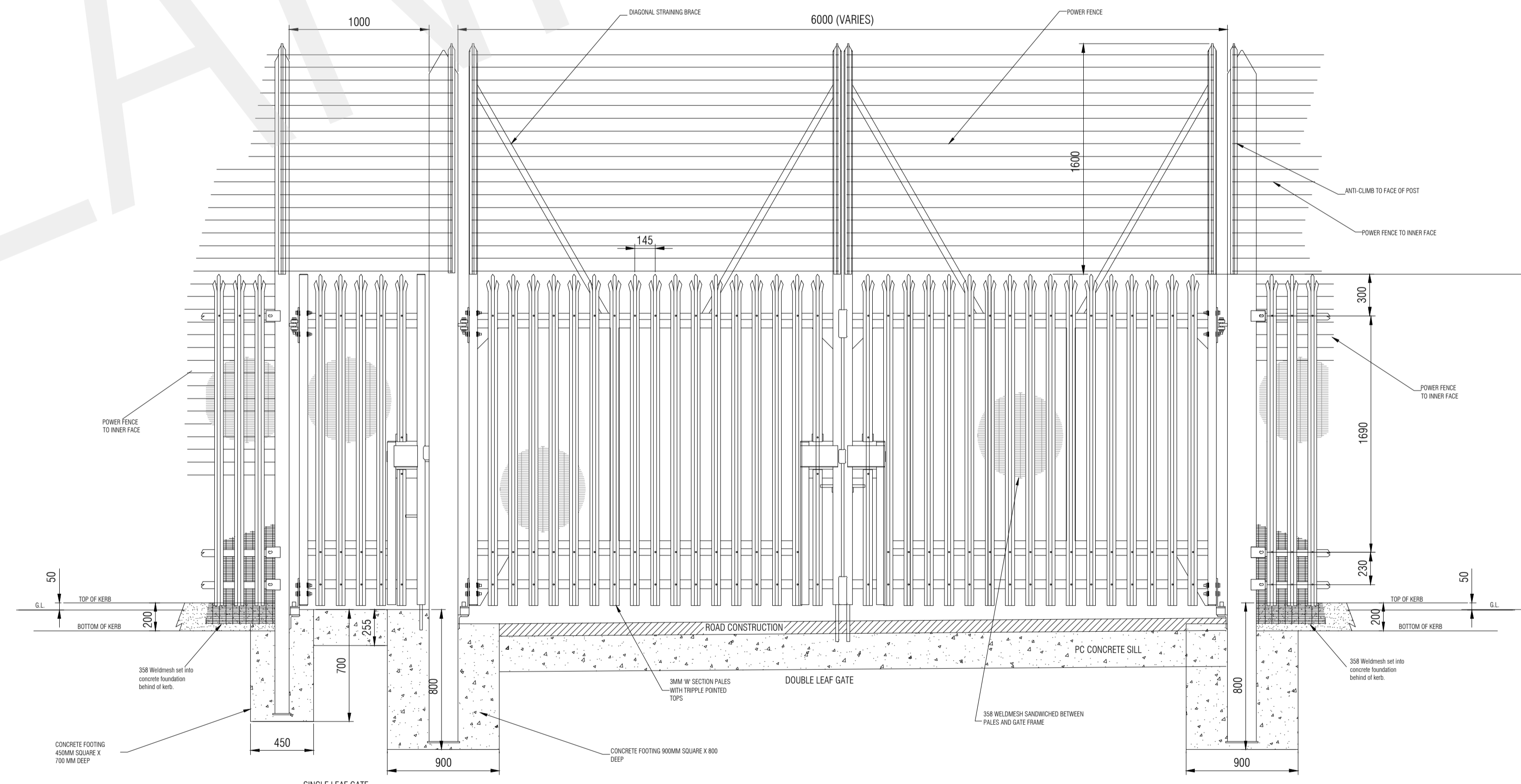
DOCUMENT REFERENCE:

NOTES:

1. READ THIS DRAWING IN CONJUNCTION WITH PALISADE FENCE SPECIFICATION.
2. ORDINARY PORTLAND CEMENT TO BS 12 UNLESS OTHERWISE INSTRUCTED & TO A MIX OF C300 USING 20MM AGGREGATE
3. ALL COMPONENTS OF THE PALISADE TO BE GALVANISED TO BS 729 BEFORE ASSEMBLY.
4. DAMAGED GALVANISING ON BOLT HEADS & THREADS TO BE WIRE BRUSHED & MADE GOOD WITH APPROVED ZINC RICH PAINT.
5. PALISADE PANELS PERMIT ARTICULATION WITHOUT MODIFICATION TO ACCOMMODATE SLOPING SITES TO 1 IN 10 MAX. GRADIENT. WHEN GRADIENTS ARE IN EXCESS OF 1 IN 10 SPECIAL PANELS WILL BE REQUIRED TO MAINTAIN 2744MM STANDARD CENTRES & MINIMUM STATUTORY HEIGHT.
6. FOR GRADIENTS IN EXCESS OF 1 IN 6 OVER MORE THAN TWO PANELS, THE 65 X 50 X 6MM ANGLE RAIL SHALL BE REPLACED BY A 75 X 50 X 6MM ANGLE RAIL TO REDUCE DEFLECTION & THE ANCHORING OF FENCE STANDARDS AGAINST THRUST SHALL RECEIVE SPECIAL CONSIDERATION.
7. MAXIMUM PERMISSIBLE SPACE BETWEEN ADJACENT PANELS OR UPRIGHTS OF ANY FENCE PANEL IS 76MM.
8. SAFETY WARNING - THE FENCE PANELS ARE DESIGNED TO ARTICULATE THEREFORE WHEN HANDLING PRECAUTIONS SHOULD BE TAKEN TO AVOID TRAPPING OF FINGERS BETWEEN PALES.
9. CABLE TRENCHES, CULVERTS & DITCHES UNDER PALISADE MUST BE SECURED TO PREVENT ACCESS.
10. MATERIALS:
 - 10.1. POST TO BS 4 PART 1 & BS EN10 025 GRADE S275
 - 10.2. RAILS TO BS 4848 PART 4 & BS EN10 025 GRADE S275
 - 10.3. PALES HOT ROLLED STRIP TO BS EN10 048
 - 10.4. BOLTS & NUTS COLD FORMED TO BS EN10 130
 - 10.5. PLAIN WASHER HEXAGONAL TO BS 4190 CLIP & COUNTERSUNK TO BS 4933
 - 10.6. PALE FIXING BOLTS GRADE 4.6, NUTS PERMACONE SHEAR NUTS, GALVANISED M8 T- HEADED BOLTS WITH PERMACONE SHEAR BOLTS.
11. ALL WELDS TO BE 5MM LEG LENGTH IN ACCORDANCE WITH BS 5135.
12. FOR PRACTICAL PURPOSES THE PANEL OF PALISADE PRODUCED TO THIS METRIC DRAWING IS INTERCHANGEABLE WITH PALISADE PANELS PRODUCED TO IMPERIAL.
13. SIGNS (SUPPLIED BY SCOTTISH AND SOUTHERN ELECTRICITY NETWORKS):
 - 13.1. DANGER OF DEATH - 1 NO. EVERY 3RD PANEL. AT LEAST ONE NOTICE ON EVERY ELEVATION AND 1 NO. ON EVERY GATE LEAF.
 - 13.2. EMERGENCY TELEPHONE NO. - 1 NO. ON EVERY GATE.
 - 13.3. HARD HAT SIGN - 1 NO. ON EVERY GATE. (NOT SUPPLIED BY S.E. PLC)
 - 13.4. RAZOR WIRE (WHERE FITTED) 1 NO. EVERY 6TH PANEL. AT LEAST ONE NOTICE ON EVERY ELEVATION AND 1 NO. ON EVERY GATE.
14. PALISADE FENCE SHALL BE GREY IN COLOUR.



4.2m HIGH SECURITY FENCE
(TO BE USED AT SUBSTATION PERIMETER)
(Scale 1:25)



SECURITY POWER GATE DETAILS
(Scale 1:25)



PRELIMINARY DESIGN ONLY
NOT FOR CONSTRUCTION
FOR PLANNING

Rev:	Drawn:	Approved:	Description:
00	PMR	GM	APPROVED FOR FIRST ISSUE.
	Checked:	Date:	
	PG	22.01.21	



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Project:		KINARDOCHY 275KV REACTIVE COMPENSATION SUBSTATION	
Project Number:	LT000096	Location:	TUMMEL
Title: FOR PLANNING AUTHORITIES KINARDOCHY 275KV REACTIVE COMPENSATION SUBSTATION PROPOSED FENCE DETAILS			
Drawing Status:	FOR PLANNING	Drawn:	PMR
Scale:	AS NOTED @ A1	Checked:	PG
Date:	OF FIRST ISSUE: 22.01.2021	Approved:	GM
Drawing Number:	LT96_KINA_0804_0001	Sheet No.:	00
		Revision No.:	00