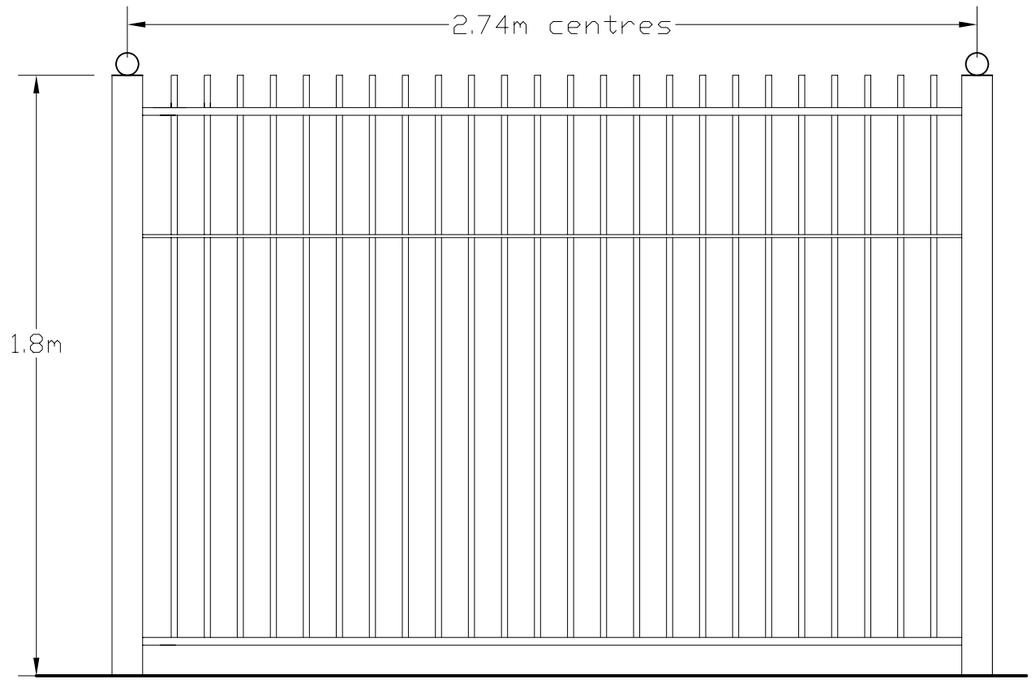
Elevation of 1.8m high Railings
Scale 1:20



METALWORK GENERALLY

1. Contractor to accurately measure dimensions and levels on site in order to achieve a satisfactory fit of gates and railings prior to manufacture.

2. Steps in railing panels due to change in ground levels to be a maximum of 100mm at each post otherwise all panels to run continuously at the same level.

3. The gap between the bottom of gates/railing panels and ground level to be not less than 25mm or more than 125mm.

4. Railings to be set out in multiples of full panels where possible, details and locations of makeup panels to be agreed with the contract administrator.

5. Any anomalies or queries to be addressed to the contract administrator.

6. All gates and railings to be fabricated using continuous 6mm fillet welds, to be ground smooth and free of any slag, splatter and grease prior to galvanising.

7. All holes to be pre-drilled. All joints between horizontal rails and vertical bars to be completely filled with weld.

8. All vent holes drilled as part of the galvanising process are to be on the underside of all metalwork sections when erected, to ensure full drainage of any water.

9. All metal to be mild steel and hot dip galvanised to BS 729 after all cutting, drilling, folding and welding has been done.

If specified, all hollow section metal to be mild steel and have sprayed metal coating to to BS 22063 after all cutting, drilling, folding and welding has been done.

10. An absolute minimum of site welding only is acceptable, all site welds to be liberally treated with approved cold applied zinc rich paint to BS 4652.

11. Sample gates and panel of railings to be approved prior to manufacture of any other gates/panels.

12. All bolts to be secured with security nuts to prevent theft.

13. All slots, holes or cutouts in metalwork to be bench milled or laser cut for precision finish.

14. Include for 75mm dia. ball top to post

METALWORK PAINTING

Preparation
1. Remove any salt deposits, dust etc. with a stiff brush
2. Wash with warm detergent, rinse and dry.

Coating in Factory
1. One coat of Dacrylate Mordant solution Type 1. Ref 150-23
2. One coat of Dacrylate Vinadac 41 High Build MIO.
   Ref 41-172 Dark grey, 75 microns dry thickness

Coating on Site
1. One coat of Dacrylate Vinidac High Build Sheen
   Ref 41-228 Black, 75 microns dry thickness

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CLIENT

SITE **STANDARD DETAILS**

TITLE **1.8m Railings**

SCALE	DATE	DRAWN:	CHECKED
1:20	March 10	PT	

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