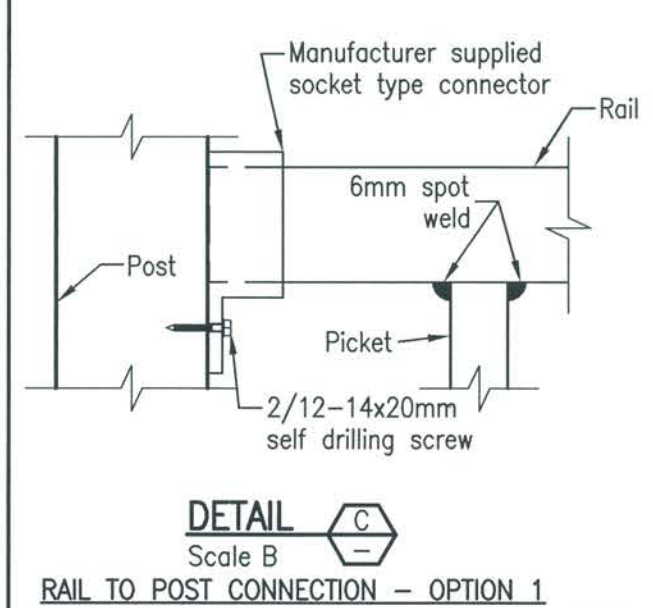
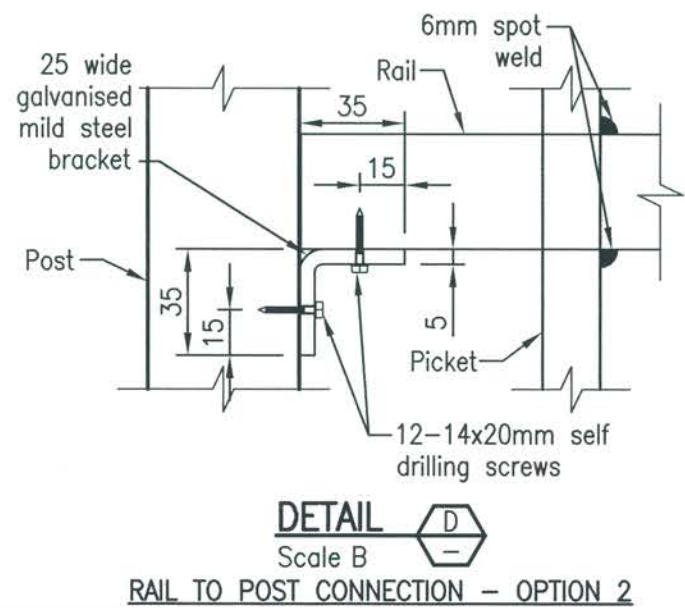


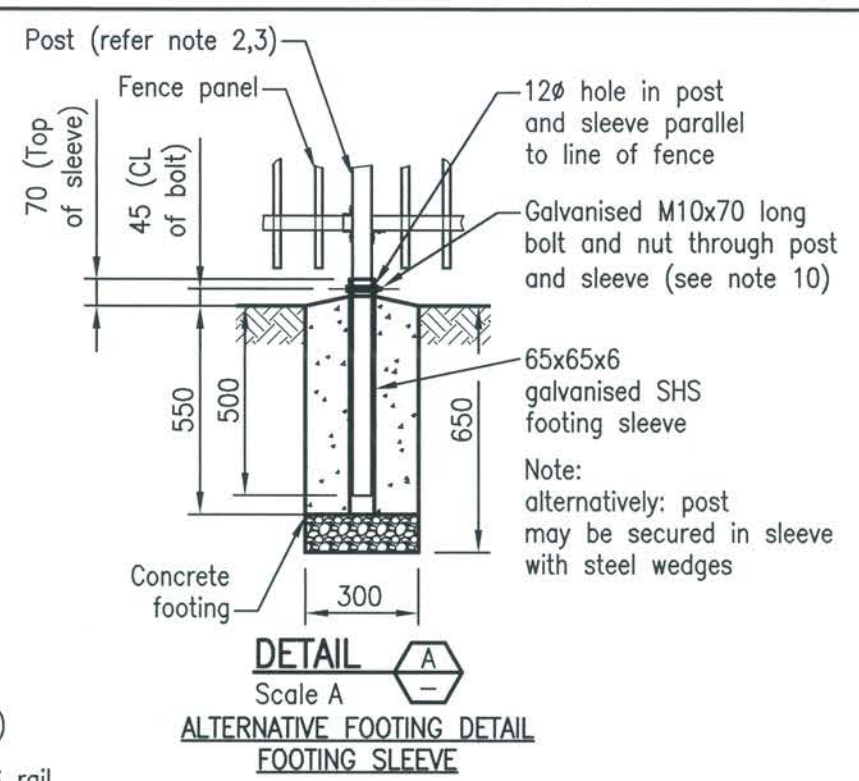
TYPICAL SECTION
Scale A



DETAIL C
Scale B



DETAIL D
Scale B



DETAIL A
Scale A
ALTERNATIVE FOOTING DETAIL
FOOTING SLEEVE

NOTES:

1. Ideally this fence should only be used away from roads (in parks etc.) or adjacent roads with posted speeds of less than or equal to 50km/h. May be used in higher speed environments when placed behind a suitable crash barrier.
2. This standard is not for use in a marine environment. The marine environment could extend up to 1 km from the foreshore.
3. Gate, end & intermediate posts to be 50x50x2 powder coated steel section to AS1163 u.n.o.
4. Fence rails to be 38x25x2.5 powder coated steel section to AS1163 u.n.o.
5. Panels to be fixed to posts using manufacturer supplied socket connectors or 25 wide 35x35x2 galvanised mild steel 'L' brackets. Both connectors to be attached with galvanised 12-14x20mm hexagon head self drilling screws.
6. Panels to be 2400x1050 with 19 diameter pickets (rounded top style) or 2400x1200 with 16 diameter pickets (flat top style).
7. Pickets to pass through top and bottom rail and be secured to top and underside of rail with 6mm spot weld.
8. Hot dip galvanising: ferrous open sections to AS4791, ferrous hollow sections to AS4792.
9. Fence panels and posts to be powder coated to AS4506 to match colour co-ordination in the area. N65 graphite grey or N61 Black to AS2700-1996.
10. All concrete to be grade N25.
11. Posts are to be vertical.
12. Post spikes, where used, are to be installed to manufacturers specifications.
13. Where sleeves are used, posts are to be secured with bolts as shown or steel wedges.
14. Nuts (where used) to be spot welded to bolts as an anti-theft deterrent.
15. Raked panels are available for slopes up to 1 in 5. For steeper grades, custom panels may be required.
16. These fences are intended as a pedestrian barrier and are not to be used in situations where motor vehicles require restraint. Design working load to be 0.6kN or 0.75kN/m along panels.
17. 100mm wide reflective tape to be applied to end posts where vehicle traffic conflict may occur.
18. Dimensions in millimetres (Unless noted otherwise).
19. Aluminium posts and panels to be designed and certified by manufacturer to suit design loads as per AS1170.1.

The structural work shown on this drawing is considered to be structurally sound, and suitable for the design loads.

All construction to be as per current Australian Standards and Building Codes, in accordance with MBRC requirements, and in a professional and tradesmanlike manner.

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RPEQ 3333 Date: 13/09/2017

REVISIONS			INIT		DATE		SCALES			
E							A 0mm 100 200 300 400 1:20			
D							B 0mm 10 20 30 40 50 1:2.5			
C										
B	Approved by Structural Engineer	TC	7/17							
A	Change to note 1 & Headings added	RH	05/17							
X	ORIGINAL ISSUE	BW	07/16							
			Drawn	BW	Date	07/16				
			Coordinator	PP	Date	07/16				
			AUTHORISED							
			SYD JERRAM							
			07/07/16							
			Manager Integrated Transport Planning & Design							
			RPEQ 6872							

**PEDESTRIAN SAFETY FENCING
ALTERNATIVE TREATMENT
FOR ≤50km/hr ENVIRONMENTS**

Moreton Bay Regional Council

DRG No. **SF-1510**

ORIGINAL SIZE **A3** REVISION **C**