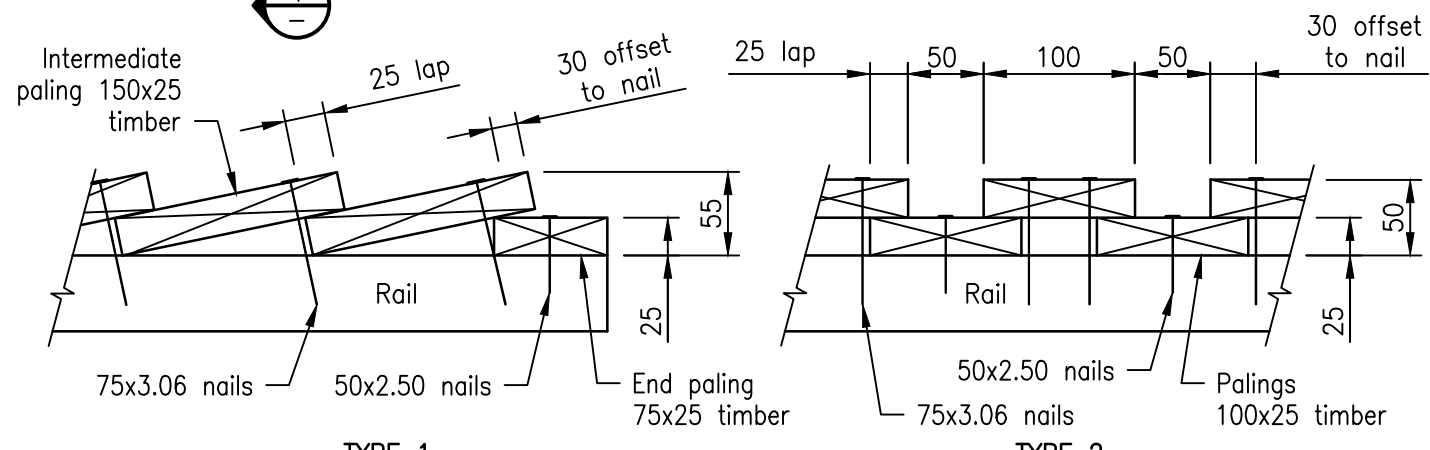
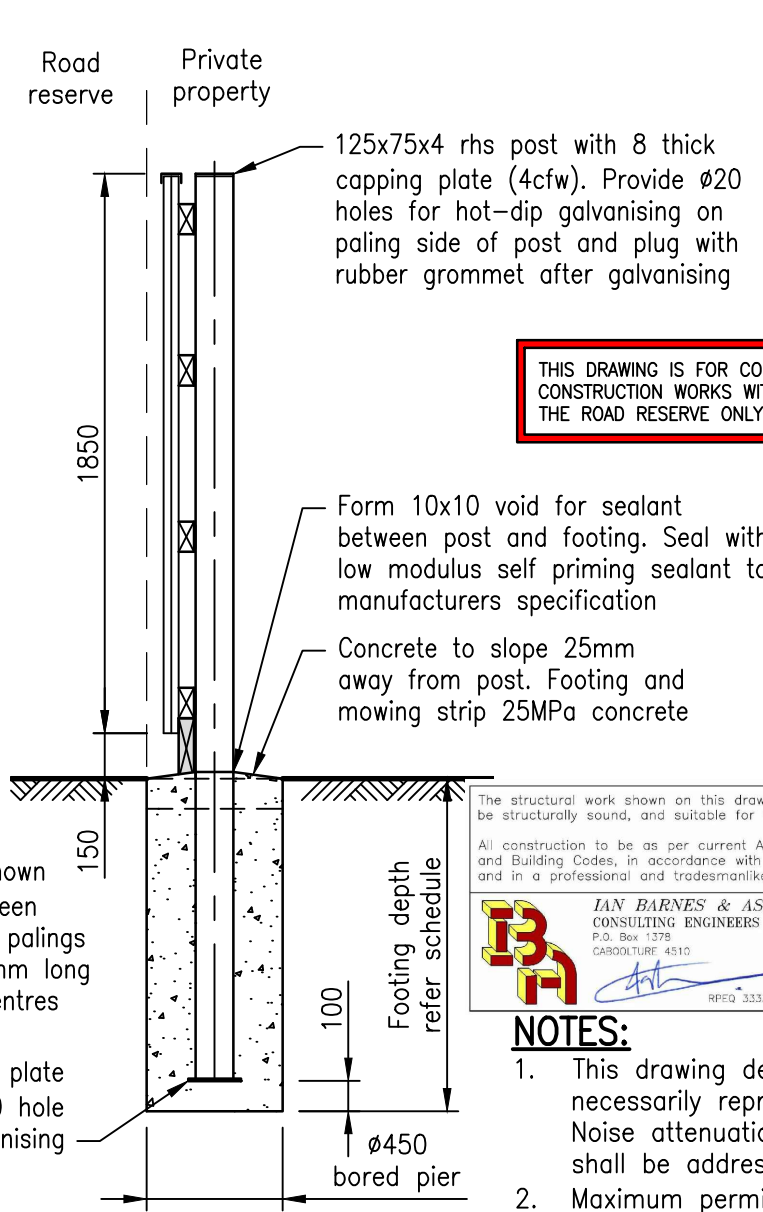


ELEVATION
Scale A



PALING ARRANGEMENT DETAILS
Scale C



SECTION 1
Scale A

THIS DRAWING IS FOR COUNCIL CONSTRUCTION WORKS WITHIN THE ROAD RESERVE ONLY

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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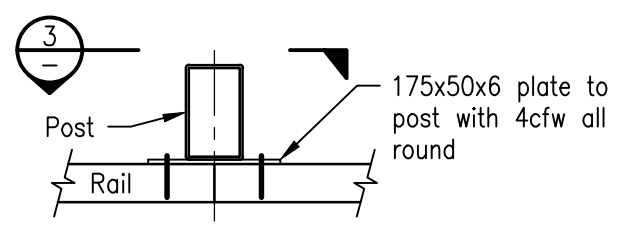
RPEQ 3333 Date : 13/09/2017

NOTES:

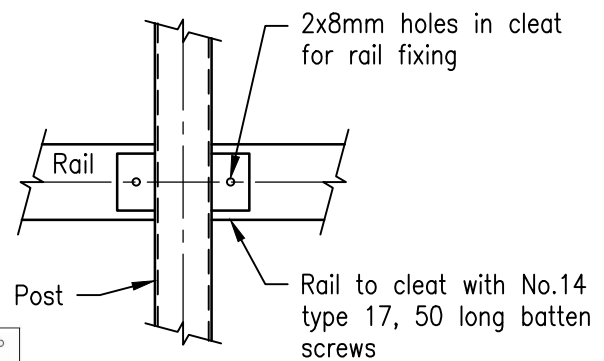
- This drawing depicts a typical 2000 high acoustic barrier and does not necessarily represent a noise attenuation solution for all developments. Noise attenuation solution for each development is site specific and shall be addressed by a qualified acoustic engineer.
- Maximum permissible stress design wind velocity is 33m/s (w33) which corresponds to a suburban environment with no exposure to open areas and not located in close proximity to hills, ridges or escarpments, as the natural surface 2m either side of the fence is assumed flat for design of footing. If these conditions are not met an alternative certified engineering design must be submitted for approval.
- For new subdivisions/developments, the entire fence shall be contained within the private property and maintained by the property owner.
- All palings, rails and plinths shall be ACQ or CCA treated pine to H5 level in accordance with AS 1604. Rails min. F7 Stress Grade.
- All fixings (apart from nails) shall be 'Zenith-Tufcote' or 'Buildex-Climacoat' or approved equivalent (unless noted otherwise).
- All nails shall be ring shank type and hot dipped galvanised.
- Stagger nail pattern along length of paling to avoid splitting and drive nails square to face of board.
- Posts shall be hot-dip galvanised after fabrication.
- Noise barrier fence shall be screened with vegetation.
- Dimensions are in millimetres unless stated otherwise.

FOOTING DEPTH SCHEDULE

SOIL TYPE	FOOTING DEPTH
Soft clay (Cu = 25kPa)	1600
Firm clay (Cu = 50kPa)	1300
Stiff clay (Cu = 100kPa)	1100
Medium dense non-cohesive soil medium	1200



SECTION 2
Scale B



SECTION 3
Scale B

REVISIONS	INIT	DATE
E		
D		
C	TC	7/17
B	RH	12/16
A	BW	08/16
ORIGINAL ISSUE	BW	07/16

SCALES	SCALE
A	1:25
B	1:10
C	1:5

Drawn	BW	Date	07/16
Coordinator	PP	Date	07/16
AUTHORISED			
SYD JERRAM			
07/07/16			
Manager Integrated Transport Planning & Design			
RPEQ 6872			

**NOISE BARRIER FENCE
2.0m HIGH POST AND PALING**

Moreton Bay Regional Council

DRG No. **SF-1520**

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