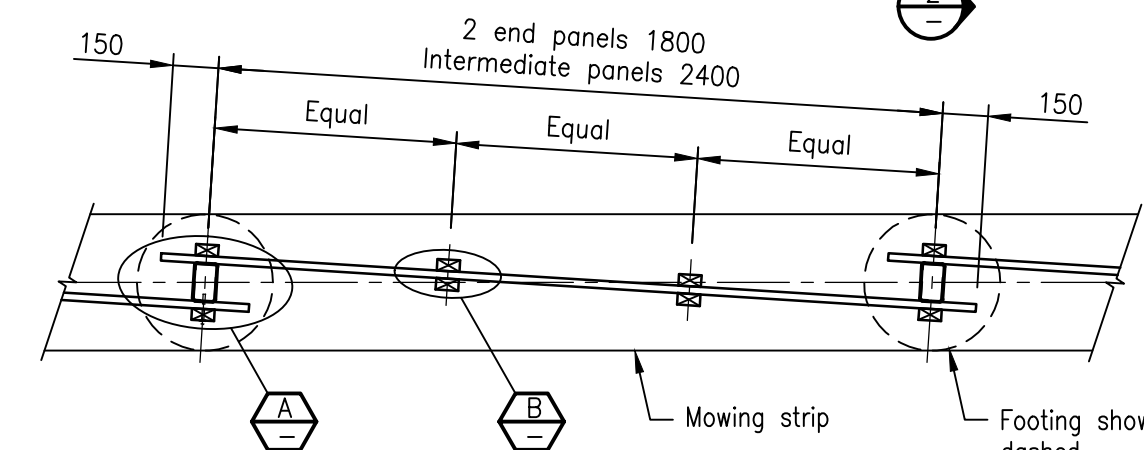
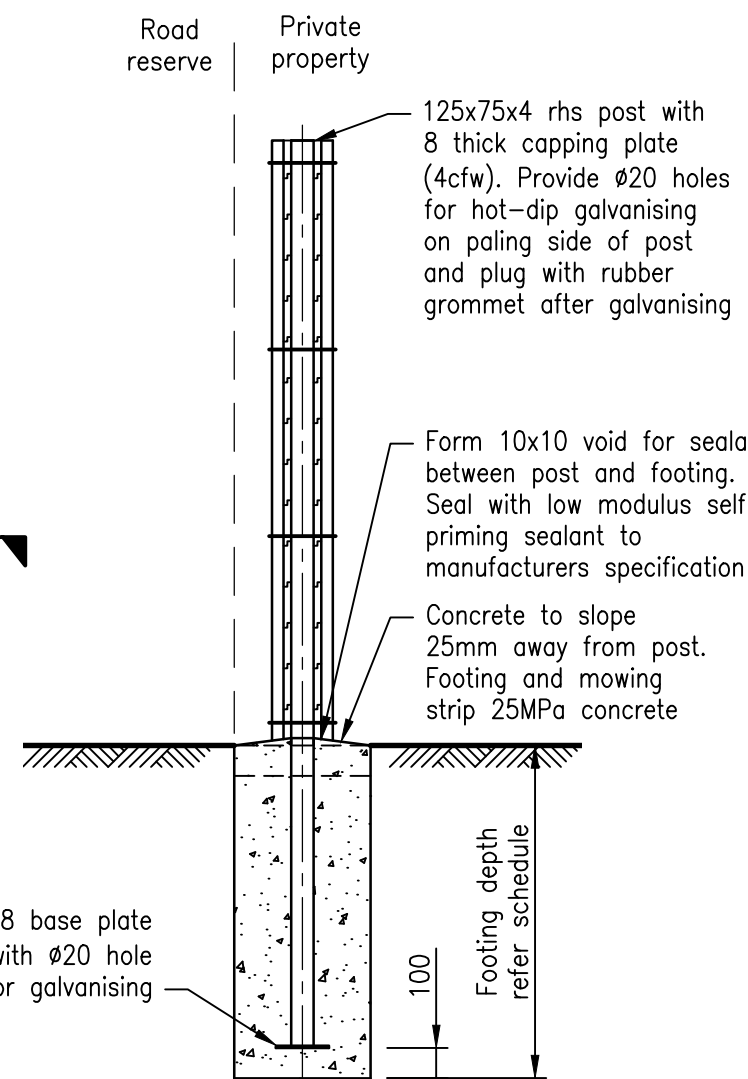


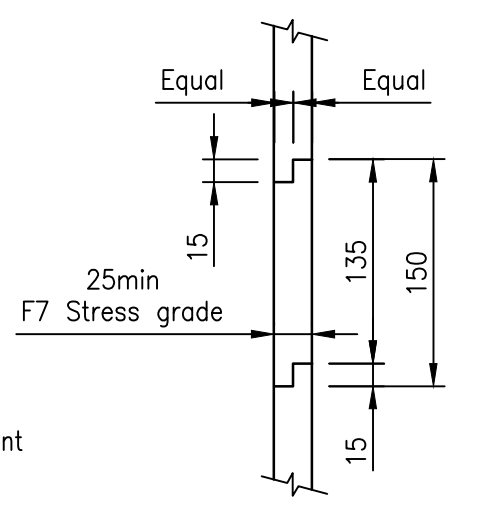
**ELEVATION**  
Scale A



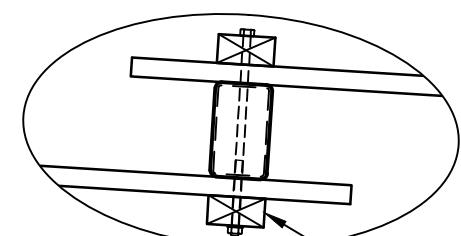
**SECTION 1**  
Scale A



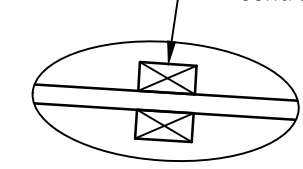
**SECTION 2**  
Scale A



**SECTION 3**  
Scale C  
**TYPICAL BOARD SECTION AND LAP DETAIL**



**DETAIL A**  
Scale B



**DETAIL B**  
Scale B

**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

75x38 timber batten fixed with 75x3.06 nails top and bottom and every second board (300 max. centres) both sides.

75x38 timber batten each side fixed with 4/M10 bolts refer elevation for spacing

**NOTES:**

1. 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.
2. 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.
3. For new subdivisions/developments, the entire fence shall be contained within the private property and maintained by the property owner.
4. All boards and battens shall be ACQ or CCA treated pine to H5 level in accordance with AS 1604.
5. All fixings (apart from nails) shall be 'Zenith-Tufcote' or 'Buildex-Climacoat' or approved equivalent (unless noted otherwise).
6. All nails shall be ring shank type and hot dipped galvanised.
7. Posts shall be hot-dip galvanised after fabrication.
8. Noise barrier fence shall be screened with vegetation.
9. Dimensions are in millimetres unless stated otherwise.

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.

**IAN BARNES & ASSOCIATES P/Ltd**  
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RPEQ 3333 Date : 13/09/2017

REVISIONS	INIT	DATE
E		
D		
C	Approved by Structural Engineer	TC 7/17
B	Structural Design Note Changed	RH 12/16
A	Add note - For council construction works only, change landscape note	08/16 BW
ORIGINAL ISSUE		BW 07/16

SCALES
A 0mm 100 200 300 400 500 1:25
B 0mm 50 100 150 200 1:10
C 0m 0.025 0.050 0.075 0.100 1:5

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

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

**Moreton Bay Regional Council**

DRG No. **SF-1521**

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