NOISE BARRIER FENCE
2.0m HIGH POST AND PALING

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 paling, rails and posts shall be AC50 or CCA treated pine to HS level in accordance with AS 1604. Rails min F7 Stress Grade.

5. All fixings (apart from nails) shall be 'Zincalume' or 'Galvanised' or approved equivalent (unless noted otherwise).

6. All nails shall be ring shank type and hot dipped galvanised.

7. Stagger nail pattern along length of paling to avoid splitting and drive nails square to face of board.

8. Posts shall be hot-dip galvanised after fabrication.

9. Noise barrier fence shall be screened with vegetation.

10. Dimensions are in millimetres unless stated otherwise.