

**STANDARD RURAL PROPERTY ENTRANCE**

**1. General Requirements**

- 1.1 A standard rural property entrance is an entrance providing access to a residential property in a rural area.
- 1.2 Any proposed entrance is required to be made to Council and approved prior to commencing construction.
- 1.3 All work is required to be carried out in accordance with these requirements and to the satisfaction of Council.
- 1.4 Additional requirements may be necessary at some locations for site-specific and/or safety reasons.
- 1.5 The applicant shall be responsible for providing appropriate traffic control to safely undertake the construction of the property entrance. All signage shall be set out in accordance with the Transit New Zealand's Handbook for Temporary Traffic Control and Safety at Roadwork Sites.
- 1.6 The applicant shall be responsible for identifying any services in the area and the cost of any repairs to services damaged during construction of the property entrance.
- 1.7 The applicant shall be responsible for all costs involved in the construction and maintenance of the property entrance.

**2. Sight Distances**

- 2.1 The minimum sight distance requirements for rural property entrances are dependent on the operating speed of vehicles using the adjacent road and are as follows:

Operating Speed (km/hr)	Minimum Sight Distances (metres)
70	85
80	95
90	130
100	150
110	190

- 2.2 No rural property entrance may be located closer than 60 metres to a road intersection.

**3. Culvert**

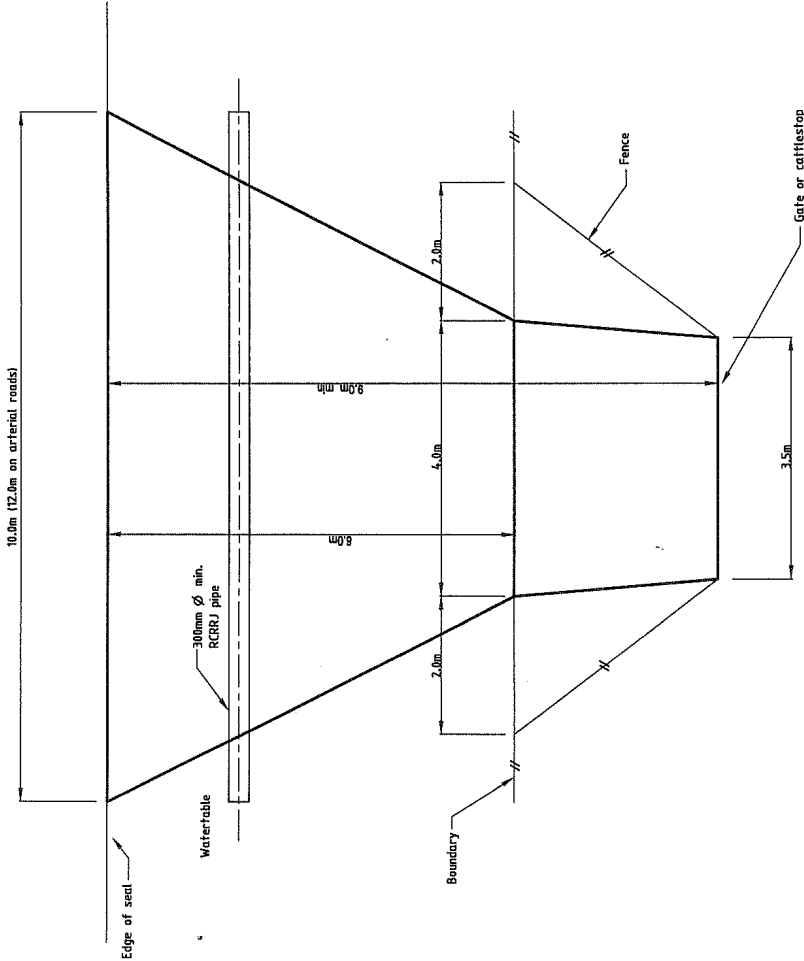
- 3.1 If the property entrance crosses a roadside watercourse a culvert pipe shall be installed. The culvert pipe shall be of sufficient size to carry the flows arising from the upstream catchment and shall have a minimum diameter of 300mm. A RCRRJ Class X pipe shall be used.
- 3.2 Any unsuitable bedding material shall be removed and replaced with sand or GAP 40.
- 3.3 All culverts shall be laid straight and at a constant grade with the socket end at the upstream inlet. The ends of the culvert pipe shall extend a minimum of 0.5 metres beyond the metal formation.
- 3.4 The applicant shall be responsible for ensuring that the culvert pipe is fully open at all times.
- 3.5 If the property entrance crosses a drain or watercourse the applicant shall obtain approval from the appropriate Drainage Board or Regional Council prior to commencing construction.

**4. Pavement**

- 4.1 A minimum of 100mm of good quality GAP 40 basecourse metal shall be placed, trimmed and compacted from the edge of the road to the sub-base layer. Any also be required if road subgrade conditions are encountered.
- 4.2 The basecourse metal shall be trimmed to provide a crown in the centre of the entrance to ensure adequate surface drainage to prevent ponding.
- 4.3 The grade of the entrance shall not exceed 1 in 8.

**5. Surfacing**

- 5.1 All new property entrances on arterial roads shall be sealed from the edge of the sealed carriageway to the gate.
- 5.2 Sealing of property entrances on other roads may also be required if there is a risk of aggregate migration onto the sealed carriageway.



STANDARD DETAIL

APPROVED:

DATE: DEC 1999

No: R 29

STANDARD RURAL  
PROPERTY ENTRANCE