

GORE DISTRICT COUNCIL
SUBDIVISION AND LAND DEVELOPMENT BYLAW

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SECTION 13

STREET SIGNS AND ROAD MARKING

13.1 SCOPE

This section covers street name signs, traffic advisory and regulatory signs and roadmarking.

13.2 OBJECTIVE

The practices specified or advised in this section are intended to provide street signs and road marking that meet the needs of people and communities, including:

- (a) Provision of essential signage that is informative, clear and easy to read;
- (b) Located of signage and markings so as no avoid any hazard or danger to pedestrians and vehicles.

13.3 RELEVANT STANDARDS AND LEGISLATION

NZTA C/20	Specification for the erection and maintenance of Traffic Signs, Chevrons, Markers and Sight Rails
NZTA M/7	Specification for Roadmarking Paints
NZTA M/14	Specification for Edgemarker Posts
NZTA P/12	Specification for Pavement Marking
NZTA P/14	Specification for Installation of Raised Pavement Markers
NZTA MOTSAM	Manual of Traffic Signs and Markings
NZS 5414	Specification for Construction of Traffic Signs
AS/NZS 1906	Retroreflective materials and devices for road traffic control purposes.
NZS 4501:1972	Code of Practice for the Location Marking of Fire Hydrants.
Gore District Council	Road Delineation Standard

13.4 PERFORMANCE STANDARDS

All signs and road marking shall be installed in conformity with this Bylaw and associated Standard Drawings, so that:

- (a) The general performance measures of Section 1.4 are achieved.
- (b) They can be clearly interpreted, both by day and by night, at a distance compatible with the road design speed.

Dispensation may only be permitted subject to approval of Council (see Section 15).

13.5 STREET NAME SIGNS

Street names shall be approved by Council before being used. Names shall be chosen early in the subdivision design process and submitted for consideration so that approved names can be included on title plans before sealing of the plans.

The style of street names signs shall be consistent with others being used in the same area, unless Council advises that an alternative style is preferred or is acceptable.

(a) Post Mounted Signs

Post mounted signs shall be constructed in accordance with the following standard details. Timber posts shall be Building Grade or No. 1 Framing Grade timber as specified in NZS 3631 New Zealand Timber Grading Rules and treated to H4. The timber finish may be gauged or dressed. Generally the post length will be 3.6 metres.

The timber posts shall be primed and finished with high gloss white paint for all of the above ground level. The primer must be compatible with the preservation treatment.

Galvanised bolt fittings shall be used.

Aluminium fluted posts shall be 3.5 metres long, 76 mm OD painted white. Posts shall be fitted into a 600 mm long ground socket concreted into the ground.

(b) Position Height and Orientation

New signs and chevrons shall be located in accordance with the NZTA: "Manual of Traffic Signs and Markings" or as otherwise directed by Council. In particular the height of signs and chevrons shall be confirmed on-site as being appropriately located to provide maximum visual effect. Signs and chevrons at curves and changes in grade shall effectively intersect headlight alignments of approaching traffic.

All items shall be firmly installed in a vertical position and securely attached to posts.

Sign height is to be a minimum of 1.0 metre to the underside of the lower panel of multi panel signs and 1.5 metres to the underside of single panel signs (notably exceptions to this are chevron signs which are to be a minimum of 1.0 metre to the underside). Heights are measured from the underside of the lowest sign to the surface of the adjacent road.

All support posts shall be firmly anchored a minimum of 600 mm or at least 20 percent of the total length whichever is the greater below ground. The post hole shall be backfilled and firmly rammed for its full depth.

Aluminium posts shall be fitted into a 600 mm long ground socket concreted into the ground.

(c) Street/Road Name Blades

These blades shall be of aluminium extrusion manufactured in accordance with the Road Safety Manufacturer's Association Guidelines Section 5.14.1 and the following minimum dimensions:

Refer to Standard Drawings M03 (Street Sign Details) and M04 (Street Sign Details).

13.6 TRAFFIC SIGNS

Traffic signs, frames, fittings, chevron boards and markers shall comply with NZS 5414 Specification for Construction of Traffic Signs. The layout and size of signs shall comply with New Zealand Transport Agency Specification NZTA C/20 Specification for the Erection and Maintenance of Traffic Signs, Chevrons, Markers and Sight Rails and the provisions of the NZTA Manual of Traffic Signs and Markings. All traffic advisory and regulatory signs shall be in compliance with the current edition of NZTA Manual of Traffic Signs and Markings.

The standard details for post mounted street name signs shall apply to traffic signs.

Any new give way or stop signs need to be approved by the road controlling authority prior to the installation of the signs in order to be enforceable.

13.7 ROAD MARKING

Pavement marking for traffic control and hazard warning shall comply with the New Zealand Transport Agency Specification NZTA P/12 Specification for Pavement Marking, the provisions of NZTA Manual of Traffic Signs and Markings, and the Gore District Council Road Delineation Standard.

13.8 SERVICE MARKING

Fire hydrants shall be marked in accordance with NZS 4501 Code of Practice for the Location Marking of Fire Hydrants. Generally this shall require:

- (a) Yellow paint on the hydrant lid.
- (b) A yellow isosceles triangle of 600 mm sides and 450 mm base painted near the centreline of the road and pointing in the direction of the hydrant.

Additionally:

- (a) Where access to the hydrant within a sealed surface is likely to be obstructed by parked vehicles its position shall be further marked by a yellow painted circle of 1200 mm outside diameter and 100 mm line width.
- (b) Where the hydrant position is likely to be obscured by silt, vegetation or in any other manner its positions shall be marked by an indicator plate mounted at least 600 mm above the ground surface. The indicator plate shall contain the letters FH and be painted yellow.
- (c) All hydrants in sealed streets are to be marked with a double sided blue reflectorised cats eye fixed near (not on) the centreline of the road opposite the hydrant.

All valve boxes, valve indicator posts and toby boxes shall be painted with blue road marking paint.