

# TWEED SHIRE COUNCIL

## DEVELOPMENT CONSTRUCTION SPECIFICATION

C263

## GUIDE POSTS

VERSION 1.2

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**SPECIFICATION C263 - GUIDE POSTS**

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**CITATION**

This document is named “Tweed Shire Council, Development Construction Specification C263 - Guide Posts”.

**ORIGIN OF DOCUMENT, COPYRIGHT**

This document was originally based on AUS-SPEC - Development Construction Specification C263 - Guide Posts, March 2001 (Copyright SWR-TM). Substantial parts of the original AUS-SPEC document have been deleted and replaced in the production of this Tweed Shire Council Development Specification. The parts of the AUS-SPEC document that remain are still subject to the original copyright.

**VERSIONS, C263 GUIDE POSTS**

VERSION	AMENDMENT DETAILS	CLAUSES AMENDED	DATE ISSUED (The new version takes effect from this date)	Authorised by the Director of Engineering Services
1.1	Original Version		1 July 2003	
1.2	Replace all references to SWAC with "Certifying Engineer"	Various	5 February 2016	

## DEVELOPMENT CONSTRUCTION SPECIFICATION C263

### GUIDE POSTS

#### GENERAL

##### C263.01 SCOPE

1. This Specification is for the setting out, supply of all materials and erection of guideposts at the locations shown on the design plans or as directed by the Certifying Engineer in areas where street lighting is not provided.

##### C263.02 REFERENCE DOCUMENTS

1. Documents referenced in this Specification are listed in full below whilst being cited in the text in the abbreviated form or code indicated.

***Documents  
Standards Test  
Methods***

###### (a) Council Specifications

C201 - Control of Traffic

###### (b) Australian Standards

AS 1604.1 - Specification for preservative treatment – Part 1: Sawn and round timber.  
AS 1906.2 - Retro-reflective devices (non-pavement application).  
AS 2082 - Visually stress-graded hardwood for structural purposes.

###### (c) Other

RTA, NSW - Road Specification 3411 – Supply of Guide Posts – Timber, Edition 1, September 1999.  
RTA, NSW - Road Specification 3412 – Supply of Guide Posts – Non Timber, Edition 1, September 1999.

##### C263.03 MATERIALS

###### (a) General

1. Guide posts shall be of timber or, as an alternative, the Certifying Engineer may approve of a proprietary metallic or flexible (driveable or non-driveable) post.
2. The colour, surface finish, dimensions and shape of timber materials used, must comply with the specifications of RTA 3411.
3. The colour, surface finish, dimensions and shape of non-timber materials used, must comply with the specifications of RTA 3412.

***Type***

***Timber  
Materials***

***Non-Timber  
Materials***

###### (b) Timber Posts

1. Timber posts shall be cut from selected species that conform with the specifications of RTA 3411.
2. All timber guide posts shall be marked for traceability in accordance with the requirements of RTA 3411.

***Quality***

***Markings***

**(c) Proprietary Posts**

1. Where a proprietary metallic or flexible guide post is proposed, the Subdivider shall supply details of the proposed guide post as required by RTA 3412. This shall include the manufacturer's recommended installation procedure, technical specifications and test certificates for consideration by the Certifying Engineer. The test certification shall address post strength, flexibility, impact and heat resistance and durability. The Certifying Engineer's approval of the submitted details and acceptance of the nominated guidepost type and supplier and the approval of Council is required prior to delivery or inclusion in the Works.

**(d) Delineators**

1. Proposed delineators must conform with the specifications of RTA 3411 and RTA 3412 for timber and non-timber guide posts respectively. **Conformance**

**CONSTRUCTION****C263.04 GENERAL**

1. The Subdivider shall at all times conform to the requirements of the Specification for CONTROL OF TRAFFIC. **Traffic Control**
2. Where the shoulder is in embankment or at natural surface level, the guideposts shall be placed near the outer edge of the shoulder and at a uniform distance, minimum 1m, from the pavement edge line. Where the shoulder is located in a cutting, the guideposts shall be placed on the road pavement side of the table drain, and minimum 1m from the pavement edge line, in such a manner as not to impede the flow of water in the drain. **Positioning**
3. Guide posts shall be erected at the locations shown on the design plans. **Location**
4. Underground services laid in proximity to the guideposts shall be located prior to erection of posts, all care shall be taken not to damage such services. **Underground Services**

**C263.05 PROTECTIVE TREATMENT OF TIMBER GUIDE POSTS**

1. All timber guide posts shall be treated in accordance with the requirements of RTA 3411. **Treatment**

**C263.06 ERECTION OF GUIDE POSTS**

1. Guide posts shall be set vertically in the ground to a depth in accordance with RTA 3411 (for timber posts), RTA 3412 (for non-timber posts) or as recommended by the manufacturer or the Certifying Engineer. In order to offset shoulder irregularities this depth shall be varied so as to give uniform display of guide posts to a height of approximately 1000mm above ground level, with the tops evenly graded. Each guide post shall be erected with the 100mm axis at right angles to the centre line of the road. **Details**
2. Allowance shall be made in the height of guide posts above the ground for the effects of superelevation and other road geometry in order to keep the guide posts within the range of the beam of vehicle headlights. **Vertical Alignment**

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3. Backfilling shall be compacted in layers of depth not more than 150mm for the full depth of the guide posts up to ground level. The density of the compacted backfilling shall not be less than that of the adjacent undisturbed ground. Guide posts shall be firm in the ground to the satisfaction of the Certifying Engineer. ***Backfilling***
4. Proprietary guide posts, when installed in the ground in accordance with the recommendations of the manufacturer, shall resist overturning, twisting and displacement from wind and impact forces. ***Proprietary Guide Posts***
5. All necessary steps shall be taken to prevent people and stock from stepping into the post holes during the erection of the guideposts. ***Subdivider's Responsibility***

### **C263.07 DELINEATORS**

1. Delineators must be affixed to the guide post conforming to the requirements of RTA 3411 and RTA 3412 for timber and non-timber guide posts respectively. In the case of proprietary posts, the delineators shall be fastened to the post in such a manner that they are not dislodged or rendered inactive under vehicular impact. ***Fixing***
2. The delineators shall be so arranged that drivers approaching from either direction will see only red delineators on their left side and white delineators on their right side. ***Arrangement***

## **SPECIAL REQUIREMENTS**

**C263.08 RESERVED**

**C263.09 RESERVED**

**C263.10 RESERVED**