

CAPRICORN MUNICIPAL DEVELOPMENT GUIDELINES

CLEARING AND GRUBBING

C212

CONSTRUCTION SPECIFICATION

TABLE OF CONTENTS

CLAUSE	CONTENTS	PAGE
GENERAL		2
C212.01	SCOPE	2
C212.02	LIMITS OF CLEARING	3
C212.03	CLEARING OPERATIONS	3
C212.04	GRUBBING	4
C212.05	CHIPPING OF CLEARED VEGETATION	4
C212.06	DISPOSAL OF MATERIALS	4

Keeping the Capricorn Municipal Development Guidelines up-to-date

The Capricorn Municipal Development Guidelines are living documents which reflect progress of municipal works in the Capricorn Region. To maintain a high level of currency that reflects the current municipal environment, all guidelines are periodically reviewed with new editions published and the possibility of some editions to be removed. Between the publishing of these editions, amendments may be issued. It is important that readers assure themselves they are using current guideline, which should include any amendments which may have been published since the guideline was printed. A guideline will be deemed current at the date of development approval for construction works.

GENERAL

C212.01 SCOPE

C212.01.01 The work to be executed under this Specification consists of the clearing of all vegetation, both living and dead, all minor man-made structures (such as fences and livestock yards), all rubbish and other materials which are unsuitable for use in the Works, the chipping of the crowns of trees and the branches of shrubs, and the grubbing of trees and stumps from the area defined in Clause C212.02. The work also includes the disposal, in accordance with Clause C212.05 and C212.06, of all materials that have been cleared and grubbed.

Extent of Work

C212.01.02 In advance of or in conjunction with clearing and grubbing operations, effective erosion and sedimentation control measures shall be implemented in accordance with the Specification for CONTROL OF EROSION AND SEDIMENTATION C211.

Erosion Control

C212.01.03 The following order of priority for interpretation of documents will apply: (Please note that reference to a Guideline or Standard, is reference to the latest version of the relevant document, unless specifically a version number is specifically stated)

- (a) CMDG C212 Clearing and Grubbing Construction Specification
- (b) Other CMDG design and construction specifications
- (c) AUSTRROADS Guide to Road Design, Part 6: Roadside Design, Safety and Barriers

Order of Priority

C202.01 REFERENCE DOCUMENTS

C202.01.01 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

(a) CMDG Specifications

C273 - Landscaping

(b) AUSTRROADS Publications

AUSTRROADS - Guide to Road Design, Part 6: Roadside Design, Safety and Barriers

C212.02 LIMITS OF CLEARING

- | | | |
|------------------------------------|--|---|
| C212.02.01 | The area to be cleared is to be in accordance with Austroads Guide to Road Design, Part 6: Roadside Design, Safety and Barriers. | <i>Limits of Clearing</i> |
|
 | | |
| C212.03 CLEARING OPERATIONS | | |
| C212.03.01 | The area within the limits of clearing shall be cleared of all vegetation, both living and dead, all minor man-made structures (such as fences and livestock yards), all rubbish and other materials which are unsuitable for use in the Works with the exception of certain trees marked for preservation. | <i>Extent</i> |
| C212.03.02 | All trees and tree preservation areas marked on the drawings and identified on site, shall be clearly delineated by the contractor as such prior to commencing clearing operations. The Contractor shall take protective measures during the operations of clearing and road construction to avoid damaging or destroying trees that shall be preserved. | <i>Trees to be preserved</i> |
| C212.03.03 | The Contractor shall plan all operations to ensure that there is no damage to any trees outside the limits of clearing specified. No growing trees shall be destroyed or damaged by the Contractor other than those specified. | <i>Trees outside Limits of Work</i> |
| C212.03.04 | Any tree remaining within the road reserve but outside the limits of clearing which is unsound and likely to fall upon the roadway shall be cleared and disposed of in accordance with Clause C212.05. | <i>Unsound trees in Road Reserve</i> |
| C212.03.05 | Any branch, which overhangs the road formation, below a height of 4.2m, shall be cut back to within 0.5m of the tree trunk and disposed of in accordance with Clause C212.05. | <i>Overhanging branches</i> |
| C212.03.06 | Every precaution shall be taken to prevent timber from falling on private property and the Contractor shall dispose of any timber so fallen or produce the written consent of the owner to its remaining there. | <i>Debris in Private Property</i> |
| C212.03.07 | Damage of any kind, including damage to trees, fencing, occurring during clearing operations shall be made good by the Contractor. | <i>Damage to Property</i> |

C212.04 GRUBBING

C212.04.01 All trees and stumps, on or within the limits of clearing, unable to be felled and removed by the clearing methods used by the Contractor shall be removed by grubbing. **Extent**

C212.04.02 Grubbing operations shall be carried out to a depth of 0.5 m below the natural surface or 1.5m below the finished surface level, whichever is the lower. **Depth**

C212.04.03 Holes remaining after trees and stumps have been grubbed shall be excavated to a solid surface and backfilled with suitable material similar to the existing material. Within proposed road formation, the backfill material shall be compacted to 97% density. Within the remaining clear zone, the backfilled materials shall be compacted to at least the relative density of the material existing in the adjacent ground. The finished surface is to be graded such as to maximise flow of water. **Backfill Holes**

C212.05 CHIPPING OF CLEARED VEGETATION

C212.05.01 The Contractor shall produce a wood-chip mulch derived from on-site vegetation. The wood-chip mulch produced shall be stockpiled for subsequent use in accordance with the Specification for LANDSCAPING C273 or for use at other locations as appropriate. **Wood-chip Mulch**

C212.06 DISPOSAL OF MATERIALS

C212.06.01 Unless otherwise specified, all materials cleared and grubbed in accordance with this Specification shall become the property of the Contractor and shall be removed from the site and legally disposed of. **Removal from Site**

C212.06.02 Unless otherwise approved by Local Government in writing, disposal of timber and other combustible materials by burning shall not be permitted. Where approval is granted, the contractor shall comply with all Statutory requirements applicable to burning off, and any such burning off shall be carried out in such a manner that no damage is done to any trees outside the limits of clearing. Smoke resulting from such burning off shall not cause a traffic hazard or other public nuisance. **Burning not Permitted**