

DEVELOPMENT
CONSTRUCTION
SPECIFICATION

C212

CLEARING AND GRUBBING

SPECIFICATION C212 - CLEARING AND GRUBBING

CONTENTS

CLAUSE		PAGE
C212.01	SCOPE	1
C212.02	LIMITS OF CLEARING	1
C212.03	CLEARING OPERATIONS	1
C212.04	GRUBBING	2
C212.05	CHIPPING OF CLEARED VEGETATION	2
C212.06	DISPOSAL OF MATERIALS	2

SPECIFICATION C212 CLEARING AND GRUBBING

C212.01 SCOPE

- | | |
|--|-------------------------------|
| <p>1. 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) and all rubbish and other materials which, in the opinion of the Council's Development Engineer, 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.</p> | <i>Extent of Work</i> |
| <p>2. In advance of or in conjunction with clearing and grubbing operations, effective erosion and sedimentation control measures shall be implemented in accordance with Specification C211 - CONTROL OF EROSION AND SEDIMENTATION.</p> | <i>Erosion Control</i> |

C212.02 LIMITS OF CLEARING

- | | |
|--|----------------------------------|
| <p>1. Unless otherwise specified or directed, the area to be cleared is that required by site regrading works, including the area occupied by the completed road formation and associated drainage works and erosion and sedimentation measures, plus a clearance of 2m beyond tops of cuts and toes of embankments.</p> | <i>Limits of Clearing</i> |
| <p>2. The Developer shall before clearing commences mark the limits of clearing by placing pegs at 25m intervals around the area to be cleared.</p> | <i>Indicator Pegs</i> |

C212.03 CLEARING OPERATIONS

- | | |
|--|---|
| <p>1. 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) and all rubbish and other materials which, in the opinion of the Council's Development Engineer, are unsuitable for use in the Works, with the exception of certain trees marked for preservation.</p> | <i>Extent</i> |
| <p>2. The Developer shall take protective measures during the operations of clearing and grubbing on the site and during road construction to avoid damaging or destroying trees that have been identified as being required to be preserved.</p> | <i>Trees to be preserved</i> |
| <p>3. The Developer shall plan all operations to ensure that there is no damage to any trees outside the limits of clearing. No growing trees shall be destroyed or damaged by the Contractor other than those specified.</p> | <i>Trees outside Limits of Work</i> |
| <p>4. Any tree remaining within the road reserve but outside the limits of clearing which is, in the opinion of the Council Engineer, unsound and likely to fall upon the roadway shall be cleared and disposed of in accordance with Clause C212.05.</p> | <i>Unsound trees in Road Reserve</i> |
| <p>5. Any branch, which overhangs the road formation, shall be cut back to within 0.5m of the tree trunk and disposed of in accordance with Clause C212.05.</p> | <i>Overhanging branches</i> |
| <p>6. Every precaution shall be taken to prevent timber from falling on private property and the Developer shall dispose of any timber so fallen or produce the written consent of the owner to its remaining there. The cost of disposal of such fallen timber shall be borne by the Developer.</p> | <i>Debris in Private Property</i> |
| <p>7. The Developer shall make good damage of any kind, including damage to fencing, occurring during clearing operations. The cost of making good such damage shall be borne by the Developer.</p> | <i>Damage to Property</i> |

CLEARING & GRUBBING

C212.04 GRUBBING

1. All trees and stumps, on or within the limits of clearing, unable to be felled and removed by the clearing methods used by the Developer shall be removed by grubbing. **Extent**
2. 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**
3. Holes remaining after trees and stumps have been grubbed shall be backfilled promptly with sound material to prevent the infiltration and ponding of water. The backfilling material shall be compacted to at least the relative density of the material existing in the adjacent ground. **Backfill Holes**

C212.05 CHIPPING OF CLEARED VEGETATION

1. The Developer shall produce wood-chip mulch derived from crowns of trees and branches of shrubs cleared under this Specification. The wood-chip mulch produced shall be stockpiled for subsequent use in accordance with Specification C273 - LANDSCAPING or for use at other locations as appropriate. **Wood-chip Mulch**
2. The wood-chip mulch shall be produced from branches having a maximum diameter of 100 millimetres and the chipped material produced shall not have two orthogonal dimensions exceeding 75mm and 50mm. **Dimensions**

C212.06 DISPOSAL OF MATERIALS

1. Unless otherwise specified elsewhere, all materials cleared and grubbed in accordance with this Specification shall become the property of the Developer and shall be removed from the site and legally disposed. **Removal from Site**
2. Unless otherwise approved by the Council's Development Engineer in writing, disposal of timber and other combustible materials by burning shall not be permitted. Where the Developer obtains the prior written approval of the Council's Development Engineer, 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. Where smoke resulting from such burning off causes a traffic hazard the burning off shall be ceased and any fire extinguished immediately. **Burning not Permitted**