



Project No: CARD/GIL/17 Report No: CARD/GIL/PAR/B

# PRELIMINARY ARBORICULTURAL ASSESSMENT

## Cardinal Gilroy Village Planning Proposal – Masterplan

Prepared for: SOUTHERN CROSS CARE

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Revision B

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## 1.0 INTRODUCTION

### 1.1 Background

1.1.1 This Preliminary Arboricultural Report was prepared for Southern Cross Care in relation to a Planning Proposal for Cardinal Gilroy Village, 45 Barcom Street, Merrylands. The purpose of this Report is to undertake a Visual Tree Assessment<sup>1</sup> (VTA), provide an overview of the quality and value of the trees within the site, determine Tree Protection Zone (TPZ) and Structural Root Zone (SRZ) areas in accordance with *Australian Standard 4970 Protection of Trees on Development Sites (2009)*, and provide arboricultural advice early in the planning stages of the project.

1.1.2 The Planning Proposal is to seek amendments to statutory development controls of the *Holroyd Local Environmental Plan (2013)* to facilitate a masterplan development that offers maximum yield. The amendments would be in respect to the following key development controls of the site:

- Maximum Height Control
- Maximum Floor Space Ratio Control
- Schedule 1 Additional Permitted Uses

1.1.3 In preparing this Report, the author has considered the objectives of *Cumberland Council Tree Management Controls*, *State Environmental Planning Policy Vegetation in Non-Rural Areas (2017)*, *Australian Standard 4970 Protection of Trees on Development Sites (2009)*, *Australian Standard 4373 Pruning of Amenity Trees (2007)*, *Australian Standard 2303 Tree Stock for Landscape Use (2015)* and *Safe Work Australia Guide for Managing Risks of Tree Trimming and Removal Work (2016)*.

Refer to Methodology (**Appendix 1**)

## 2.0 RESULTS

### 2.1 The Site

2.1.1 The site is an irregular-shaped allotment known as 45 Barcom Street, Merrylands West and is located within the Cumberland Council Local Government Area (former Holroyd Local Government Area (LGA)). The site is bound by Kenyons Road to the north, Merrylands High School playing fields to the south, a number of residential cul-de-sacs to the east and residential allotments and Cerdon College campus to the west.

2.1.2 The site comprises three (3) lots with a total area of 7.44ha including:

- Lot 5 DP 701151 (2.42ha)
- Lot 8 DP 732058 (1.928ha)
- Lot 11 DP 1075418 (3.092ha)

2.1.3 In general the site has a gentle slope with an easterly aspect. The site contains a mix of residential single-storey, double-storey and flat buildings which are set in landscaped grounds comprising turf and scattered vegetation including mature trees. The main vehicular access to the site is via Barcom Street connecting to a network of internal cul-de-sacs.

Refer to Tree Location Plans (**Appendix 2**)

<sup>1</sup> Mattheck & Breloer (2003)

## 2.2 The Trees

2.2.1 Two hundred and sixty-four (264) trees (and tree groups) were assessed using the Visual Tree Assessment<sup>2</sup> (VTA) criteria and notes, and comprise of a mix of locally indigenous, Australian native and exotic species. Sixty-seven (67) species are represented. Eight (8) trees are dead.

2.2.2 An additional fifty-four (54) trees have also been addressed in this Report with the majority located outside of the site. A full VTA of these trees was not undertaken due to limited access with species and trunk diameter measurement recorded for the purposes of determining Tree Protection Zone (TPZ) calculations only.

2.2.3 As required by Clause 2.3.2 of *Australian Standard 4970 Protection of Trees on Development Sites (2009)*, each of the trees assessed has been allocated a Retention Value. The Retention Value is based on the tree's Useful Life Expectancy and Landscape Significance with consideration to its health, structural condition and site suitability. The Retention Values do not consider any proposed development works and are not a schedule for tree retention or removal. The trees have been allocated one of the following Retention Values:

- Priority for Retention
- Consider for Retention
- Consider for Removal
- Priority for Removal

Refer to Tree Assessment Schedule (**Appendix 3**)

2.2.4 Trees 168, 169, 197 and 252 contain potentially significant structural defects. Internal diagnostic testing should be undertaken to determine the severity of these defects if the trees are to be retained. Internal diagnostic testing should be undertaken during the design development stage as potential tree removal may have implications for the design.

2.2.5 The species in Table 1 are listed as exempt species by *Cumberland Council Tree Management Controls*.<sup>3</sup>

2.2.6 Table 1: Exempt Species

Species	Tree Number
<i>Celtis sinensis</i> (Chinese Nettle Tree)	110, 136, 288, T & Z
<i>Celtis sinensis</i> (Chinese Nettle Tree)	A6, A7, A8, A9 & EN
<i>Olea europaea var. europaea</i> (European Olive)	(weed species within tree group species only)
<i>Cotoneaster</i> sp. (Cotoneaster)	212
<i>Eriobotrya japonica</i> (Loquat)	273
<i>Gleditsia triacanthos</i> cvs (Honey Locust cultivars)	135
<i>Ligustrum</i> spp. (Privet)	83, 333, AF & BZ
<i>Morus nigra</i> (Mulberry)	144 & EO
<i>Olea</i> spp. (Olive)	109, 111, 155, 202, 221, 222, 223, AC, AD, AG, AH, AI, AJ & AO
<i>Prunus</i> spp. (Plum)	118, 119, 127 & 334
<i>Syagrus romanzoffianum</i> (Cocos Palm)	112-116 & F

2.2.7 *Olea europaea* subsp. *cuspidata* African Olive (Trees 109, 111, 221, 222, 223, AC, AD, AG, AH, AI, AJ & AO) are subject to a *General Biosecurity Duty* and a *Regional Recommended Measure* by the Department of Primary Industries.<sup>4</sup> *This species must not be traded, carried, grown or released into the environment.*

<sup>2</sup> Mattheck & Breloer (2003)

<sup>3</sup> Cumberland Council (2018)

2.2.8 The trees listed in Table 2 are locally indigenous and representative tree species of the Cumberland Plain Woodland. Cumberland Plain Woodland is listed as a *Critically Endangered* ecological community under the NSW *Biodiversity Conservation Act (2016)* and the Commonwealth *Environment Protection and Biodiversity Conservation Act (1999)*.

2.2.9 Table 1: Cumberland Plain Woodland Species

Species	Tree Number
<i>Corymbia maculata</i> (Spotted Gum)	145, 147 & CB
<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	176, 199, 201, 204-206, 210, 213, 214, DF, DG & O
<i>Eucalyptus moluccana</i> (Grey Box)	168, 169, 172-175, 178-183, 185-189, 197, 198, 200, 226, 231-233, 238, 239, 249, 252, 259, 328, A-C, CQ, CS, CT, CU, CW, CY, DA & DB
<i>Melaleuca decora</i> (White Feather Honeymyrtle)	125 & 301

2.2.10 Aerial images of the site from 1943 show a concentration of mature vegetation in the northern half of the site with small groups, rows and individual trees scattered throughout the southern half of the site.<sup>5</sup> Mature specimens of *Eucalyptus crebra* (Narrow Leaf Ironbark) and *Eucalyptus moluccana* (Grey Box) were identified throughout the site with the highest concentration along the northern boundary. It is not possible to determine the exact age of these trees however the larger specimens are likely to predate 1943. The two (2) large *Melaleuca decora* (White Feather Honeymyrtle) identified as Trees 125 and 301 can be clearly identified as mature specimens in this aerial imagery. The large size of the trees in 1943 may suggest that Trees 125 and 301 are remnant vegetation or early plantings associated with European colonisation.

2.2.11 *Eucalyptus scoparia* Wallangarra White Gum (Trees 159 & 211) is listed as *Endangered* under the NSW *Biodiversity Conservation Act (2016)* and *Vulnerable* under the Commonwealth *Environment Protection and Biodiversity Conservation Act (1999)*. *Eucalyptus nicholii* Narrow Leaf Peppermint (Tree DP) is listed as *Vulnerable* under the NSW *Biodiversity Conservation Act (2016)* and the Commonwealth *Environment Protection and Biodiversity Conservation Act (1999)*.<sup>6</sup> However, these trees are planted specimens and are not a component of a locally indigenous vegetation community. No other individual threatened tree species listed within the BioNet Atlas of NSW Wildlife Database for the area were identified during the field investigations of the site.

2.2.12 The ecological and cultural significance of the subject trees has not been assessed and is beyond the scope of this Report.

### 3.0 TREES & DEVELOPMENT

#### 3.1 Australian Standard 4970 Protection of Tree on Development Sites (2009)

3.1.1 *Australian Standard 4970 Protection of Trees on Development Sites 2009* (AS-4970) describes the best practices for the planning and protection of trees on development sites. The procedures described are based on plant biology and current best practices as covered in recently published literature. AS-4970 outlines that a Tree Protection Zone (TPZ) is the principal means of protecting trees on development sites. It is an area isolated from construction disturbance so that the tree remains viable.<sup>7</sup>

<sup>4</sup> Department of Primary Industries (2017)

<sup>5</sup> NSW Government Spatial Services (2016)

<sup>6</sup> NSW Office of Environment and Heritage (2011)

- 3.1.2 The TPZ is calculated as a radial measurement based on twelve (12) times the tree's Diameter at Breast Height (DBH).<sup>8</sup> For palms, other monocots, cycads and tree ferns, the TPZ should not be less than 1m outside the crown projection.<sup>9</sup> These formulas are based on extensive research and are generally accepted within the arboricultural industry as being suitable for calculating areas designed to maintain the long-term viability of trees on development sites. AS-4970 caps the TPZ at a radius of 15m.
- 3.1.3 AS-4970 also provides calculations to determine a tree's Structural Root Zone (SRZ). The SRZ is described in AS-4970 as the area around the base of a tree required for the tree's stability in the ground. This zone considers a tree's structural stability only, not the root zone required for its vigor and long-term viability, which will usually be a much larger area. Severance of structural roots within the SRZ is generally not recommended as it may lead to the destabilisation and/or decline of the tree.
- 3.1.4 The TPZ and SRZ of the trees have been calculated in accordance with the AS-4970 and are outlined in the Tree Assessment Schedule (**Appendix 3**).
- 3.1.5 Ideally, works should be avoided within the TPZ. A *Minor Encroachment* is less than 10% of the TPZ and is outside the SRZ. A *Minor Encroachment* is considered acceptable by AS-4970 when it is compensated for elsewhere and contiguous within the TPZ. A *Major Encroachment* is greater than 10% of the TPZ or inside the SRZ. *Major Encroachments* generally require root investigations undertaken by non-destructive methods or the use of tree sensitive construction methods.
- 3.1.6 AS-4970 outlines that the TPZ may need to be modified (extended) to provide additional protection to the above ground parts of the tree. Where conflict between branches and structures/machinery could occur, branches should be protected with padding and timber battens, temporarily tied back or in some cases pruned, only where pruning would not impact the tree's health, structural condition, long-term viability or form.

## 3.2 Proposed Masterpan

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- 3.2.1 The masterplan which forms part of the Planning Proposal has been reviewed to determine high level impacts on the trees.
- 3.2.2 The supplied plans show that twenty-six (26) trees which were allocated a Retention Value of either *Priority for Retention* or *Consider for Retention* are to be retained. The establishment of TPZ areas will be required for all trees to be retained within the site and adjoining the site. TPZ areas should be established to protect the trees (root system & crown) from indirect construction-related activities (e.g. soil compaction and contamination, and mechanical damage).
- 3.2.3 Where works are proposed within the TPZ areas of trees to be retained, design modifications and the use of tree sensitive construction methods should be utilised where the level of encroachment exceeds 10% of the TPZ area. Tree sensitive construction methods include the use of above grade pavements and slabs, and isolated piered footing to support buildings and structures.
- 3.2.4 New internal access roads are proposed around a large percentage of the perimeter of the site. Roads (including sub-base materials) within TPZ areas should be constructed above existing grade and constructed with minimal sub-base compaction.

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<sup>8</sup> Standards Australia (2009)

<sup>9</sup> Standards Australia (2009)

- 3.2.5 Many of the trees proposed for retention are locally indigenous Eucalyptus species and may require higher levels of management to remove deadwood on a regular basis. The production of deadwood is a normal part of a tree's biological processes occurring even in trees which are in good health and vigour. The volume and frequency of deadwood development is likely to increase where trees are subject to physiological stresses (such as development works). Therefore, the requirement to manage deadwood and the associated risk must be actively managed, particularly in areas with high value targets.
- 3.2.6 *Eucalyptus moluccana* (Grey Box) is the dominant locally indigenous species represented at the site. Outbreaks of Grey Box Psyllid (*Cardiaspina* sp.) have caused large scale necrosis and defoliation of *Eucalyptus moluccana* (Grey Box) in Western Sydney within the last decade.<sup>10</sup> This phenomenon is associated with the removal of understory planting and a reduction in Grey Box Psyllid predators. A well-structured understory of locally indigenous shrubs (particularly *Bursaria spinosa* Native Blackthorn) and ground covers is likely to promote tree health over the long term by providing habitat for wildlife which can help to control pest species.
- 3.2.7 The underplanting of large trees can also be as useful strategy in restricting public access to areas beneath tree canopies where deadwood and other structural defects are present. Such strategies can significantly reduce tree management costs over their lifetime and should be considered in the landscape design for the site.
- 3.2.8 An Arboricultural Impact Assessment and Tree Protection Plan should be prepared when detailed Development Applications plans are available to examine the potential impact of the proposed works on the trees. The report should also detail the proposed design and construction methods, and tree protection measures to minimise impacts on the trees.

### 3.3 Tree Replacement

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- 3.3.1 The removal of trees with a low Landscape Significance and with short Useful Life Expectancies creates an opportunity for new planting. In general, when trees with low to moderate Landscape Significance are removed, the resultant loss of amenity can be replaced within a short to medium timeframe by the replanting of new advanced-size trees. It is essential that replacement trees are of high quality and installed and maintained in accordance with industry best practice, so they provide maximum benefits over their lifetime whilst minimising maintenance costs. New tree planting should be grown in accordance with *Australian Standard 2303 Tree Stock for Landscape Use (2015)*.
- 3.3.2 With staged projects, tree removals and new/replacement tree planting should be undertaken as part of each stage. This spreads tree removal and replacement over a longer time frame allowing new trees time to establish and thereby minimising the impact of tree removals on the amenity of the site between stages.
- 3.3.3 With consideration to maintaining the genetic integrity of locally indigenous species, a percentage of replacement trees should be representative species of the Cumberland Plain Woodland grown from seed of local provenance to the site.

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<sup>10</sup> Ridgeway (2013)

## 4.0 SUMMARY & CONCLUSION

- 4.1 Three hundred and twenty (320) trees (and tree groups) were addressed within this Report and comprise of a mix of locally indigenous, Australian-native and exotic species. The mature specimens of *Eucalyptus crebra* (Narrow Leaf Ironbark), *Eucalyptus moluccana* (Grey Box) and *Melaleuca decora* (White Feather Honey myrtle) are likely to predate 1943. A large number of the trees within the are considered environmental weed species and are exempt from Council's tree management controls. Of the two hundred and sixty-four (264) trees which were assessed;
- Twenty-one (21) trees (8%) have been allocated a Retention Value of *Priority for Retention*. These are Trees 47, 125, 173, 174, 179, 181, 198, 199, 205, 206, 231-233, 238, 249, 252, 263, 270, 301, 328 and 332.
  - One hundred and four (104) trees (39%) have been allocated a Retention Value of *Consider for Retention*. These are Trees 45, 46, 49, 52, 55, 56, 59-81, 89, 94, 96, 117, 120, 128, 130, 135, 149, 150, 152, 157, 163, 168, 169, 172, 175, 176, 180, 182, 183, 185, 186, 188, 189, 197, 201, 204, 207, 209-211, 213, 214, 229, 234, 239-242, 244, 245, 247, 248, 250, 264, 275-277, 281-283, 287, 292, 297, 300, 302-304, 308, 317, 319, 320, 331, A3, BT, BU, BV, BX, CG, CH, CI, CK, EP, ET and V.
  - One hundred and five (105) trees (40%) have been allocated a Retention Value of *Consider for Removal*. These are Trees 3, 48, 82, 84, 88, 92, 97, 99, 108-116, 131-133, 136, 151, 154, 155, 164-166, 167, 170, 171, 184, 190-194, 196, 200, 202, 203, 208, 212, 215, 217, 218, 224, 225, 228, 235, 236, 246, 251, 253-256, 260, 265, 266, 268, 269, 273, 278, 280, 284, 286, 289-291, 293-296, 298, 299, 305-307, 309-315, 321-326, 329, 330, A5, AK, AL, AU, BS, CF, D, DO, ED, EO, F and H.
  - Thirty-four (34) trees (13%) have been allocated a Retention Value of *Priority for Removal*. These are Trees 87, 98, 118, 119, 126, 127, 134, 137, 140, 144, 159, 160, 162, 178, 187, 195, 219-223, 226, 227, 237, 243, 259, 285, 288, 333, 334, AF, BZ, DC and U.
- 4.2 The trees allocated a Retention Value of *Priority for Removal* are in poor health and/or structural condition with a Useful Life Expectancy of less than 5 years. These trees should be removed irrespective of future development works.
- 4.3 The Planning Proposal is to seek amendments to statutory development controls of the *Holroyd Local Environmental Plan (2013)* to facilitate a masterplan development that offers maximum yield. The supplied plans show that twenty-six (26) trees allocated a Retention Value of either *Priority for Retention* or *Consider for Retention* are proposed for retention.
- 4.4 An Arboricultural Impact Assessment and Tree Protection Plan should be prepared when detailed Development Applications plans are available to examine the potential impact of the proposed works on the trees. The report should also detail the proposed design and construction methods, and tree protection measures to minimise impacts on the trees.
- 4.5 Replacement tree planting should be provided to help the loss of amity and canopy cover due to tree removal. New tree planting should be grown in accordance with *Australian Standard 2303 Tree Stock for Landscape Use (2015)*.



## 5.0 LIMITATIONS & DISCLAIMER

TreeiQ takes care to obtain information from reliable sources. However, TreeiQ can neither guarantee nor be responsible for the accuracy of information provided by others. Plans, diagrams, graphs and photographs in this Arboricultural Report are visual aids only and are not necessarily to scale. This Report provides recommendations relating to tree management only. Advice should be sought from appropriately qualified consultants regarding design/construction/ecological/heritage etc issues.

This Report has been prepared for exclusive use by the client. This Report shall not be used by others or for any other reason outside its intended target or without the prior written consent of TreeiQ. Unauthorised alteration or separate use of any section of the Report invalidates the Report.

Many factors may contribute to tree failure and cannot always be predicted. TreeiQ takes care to accurately assess tree health and structural condition. However, a tree's internal structural condition may not always correlate to visible external indicators. There is no warranty or guarantee, expressed or implied that problems or deficiencies regarding the trees or site may not arise in the future. Information contained in this report covers only the trees assessed and reflects the condition of the trees at the time of inspection. Additional information regarding the methodology used in the preparation of this Report is attached as Appendix 1. A comprehensive tree risk assessment and management plan for the trees is beyond the scope of this Report.

Reference should be made to any relevant legislation including Tree Management Controls. All recommendations contained within this Report are subject to approval from the relevant Consent Authority.

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Standards Australia (2007), *Pruning of Amenity Trees AS-4373*

Standards Australia (2015), *Tree Stock for Landscape Use AS-2303*

## Appendix 1: Methodology

- 1.1 Site Inspection:** This report was determined as a result of a comprehensive site inspection during February 2019.
- 1.2 Visual Tree Assessment (VTA):** The subject tree(s) was assessed using the Visual Tree Assessment criteria and notes as described in *The Body Language of Trees – A Handbook for Failure Analysis*.<sup>11</sup> The inspection was limited to a visual examination of the subject tree(s) from ground level only. The inspection was limited to a visual examination of the subject tree(s) from ground level only. No internal diagnostic or tissue testing was undertaken as part of this assessment. Trees outside the subject site were assessed from the property boundaries only.
- 1.3 Tree Dimensions:** The dimensions of the subject tree(s) are approximate only.
- 1.4 Tree Locations:** The location of the subject tree(s) was determined from the supplied plans. Trees not shown on the supplied plans have been plotted in their **approximate location only**.
- 1.5 Trees & Development:** Tree Protection Zones, Tree Protection Measures and Sensitive Construction Methods for the subject tree were based on methods outlined in *Australian Standard 4970-2009 Protection of Trees on Development Sites*.
- The *Tree Protection Zone* (TPZ) is described in AS-4970 as a combination of the root area and crown area requiring protection. It is an area isolated from construction disturbance, so that the tree remains viable.
- The *Structural Root Zone* (SRZ) is described in AS-4970 as the area around the base of a tree required for the tree's stability in the ground. Severance of structural roots within the SRZ is not recommended as it may lead to the destabilisation and/or demise of the tree.
- In some cases it may be possible to encroach into or make variations to the theoretical TPZ. A *Minor Encroachment* is less than 10% of the area of the TPZ and is outside the SRZ. The area lost to this encroachment should be compensated for elsewhere and contiguous with the TPZ. A *Major Encroachment* is greater than 10% of the TPZ or inside the SRZ. In this situation the Project Arborist must demonstrate that the tree would remain viable. This may require root investigation by non-destructive methods or the use of sensitive construction methods.
- 1.6 Tree Health:** The health of the subject tree(s) was determined by assessing:
- I. Foliage size and colour
  - II. Pest and disease infestation
  - III. Extension growth
  - IV. Crown density
  - V. Deadwood size and volume
  - VI. Presence of epicormic growth
- 1.7 Tree Structural Condition:** The structural condition of the subject tree(s) was assessed by:
- I. Assessment of branching structure  
(i.e co-dominant/bark inclusions, crossing branches, branch taper, terminal loading, previous branch failures)
  - II. Visible evidence of structural defects or instability  
(i.e root plate movement, wounds, decay, cavities, fungal brackets, adaptive growth)
  - III. Evidence of previous pruning or physical damage  
(root severance/damage, lopping, flush-cutting, lions tailing, mechanical damage)
- 1.8 Useful Life Expectancy (ULE):** The ULE is an estimate of the longevity of the subject tree(s) in its growing environment. The ULE is modified where necessary to take in consideration tree(s) health, structural condition and site suitability. The tree(s) has been allocated one of the following ULE categories (Modified from Barrell, 2001):
- I. 40 years +
  - II. 15-40 years
  - III. 5-15 years
  - IV. Less than 5 years

<sup>11</sup> Mattheck & Breloer (2003)

**1.9 Landscape Significance:** Landscape Significance was determined by assessing the combination of the cultural, environmental and aesthetic values of the subject tree(s). Whilst these values are subjective, a rating of high, moderate, low or insignificant has been allocated to the tree(s). This provides a relative value of the tree's Landscape Significance which may aid in determining its Retention Value. If the tree(s) can be categorized into more than one value, the higher value has been allocated.

Landscape Significance	Description
Very High	The subject tree is listed as a Heritage Item under the <i>Local Environmental Plan</i> with a local or state level of significance.
	The subject tree is listed on Council's Significant Tree Register or is considered to meet the criteria for significance assessment of trees and/or landscapes by a suitably qualified professional. The criteria are based on general principles outlined in the Burra Charter and on criteria from the Register of the National Estate.
High	The subject tree creates a 'sense of place' or is considered 'landmark' tree.
	The subject tree is of local, cultural or historical importance or is widely known.
	The subject tree forms part of the curtilage of a heritage item with a known or documented association with that item.
	The subject tree has been identified by a suitably qualified professional as a species scheduled as a Threatened or Vulnerable Species for the site defined under the provisions of the NSW <i>Biodiversity Conservation Act (2016)</i> or the Commonwealth <i>Environmental Protection and Biodiversity Conservation Act (1999)</i> .
	The subject tree is known to contain nesting hollows to a species scheduled as a Threatened or Vulnerable Species for the site as defined under the provisions of the NSW <i>Biodiversity Conservation Act (2016)</i> or the Commonwealth <i>Environmental Protection and Biodiversity Conservation Act (1999)</i> .
	The subject tree is an excellent representative of the species in terms of aesthetic value.
Moderate	The subject tree is of significant size, scale or makes a significant contribution to the canopy cover of the locality.
	The subject tree makes a positive contribution to the visual character or amenity of the area.
	The subject tree provides a specific function such as screening or minimising the scale of a building.
Low	The subject tree is a good representative of the species in terms of aesthetic value.
	The subject tree is a known environmental weed species or is exempt under the provisions of the local Council's Tree Management Controls
	The subject tree makes little or no contribution to the amenity of the locality.
	The subject tree is a poor representative of the species in terms of aesthetic value.

**1.10 Retention Value:** Retention Value was based on the subject tree's Useful Life Expectancy and Landscape Significance. The Retention Value was modified where necessary to take in consideration the subject tree's health, structural condition and site suitability. The subject tree(s) has been allocated one of the following Retention Values:

- I. Priority for Retention
- II. Consider for Retention
- III. Consider for Removal
- IV. Priority for Removal

ULE	Landscape Significance				
	Very High	High	Moderate	Low	Insignificant
40 years +	Priority for Retention	Priority for Retention			Consider for Removal
15-40 years		Priority for Retention	Consider for Retention	Priority for Removal	
5-15 years		Consider for Retention			
Less than 5 years	Consider for Removal	Priority for Removal			

The above table has been modified from the Footprint Green Tree Significance and Retention Value Matrix.





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Cardinal Gilroy Village Merrylands

Site Plan

Tree Locations

Proj no: CAR/GIL/17

date: March 2019

dwg no: CAR/GIL/TLP/1

scale: NTS

checked: AH





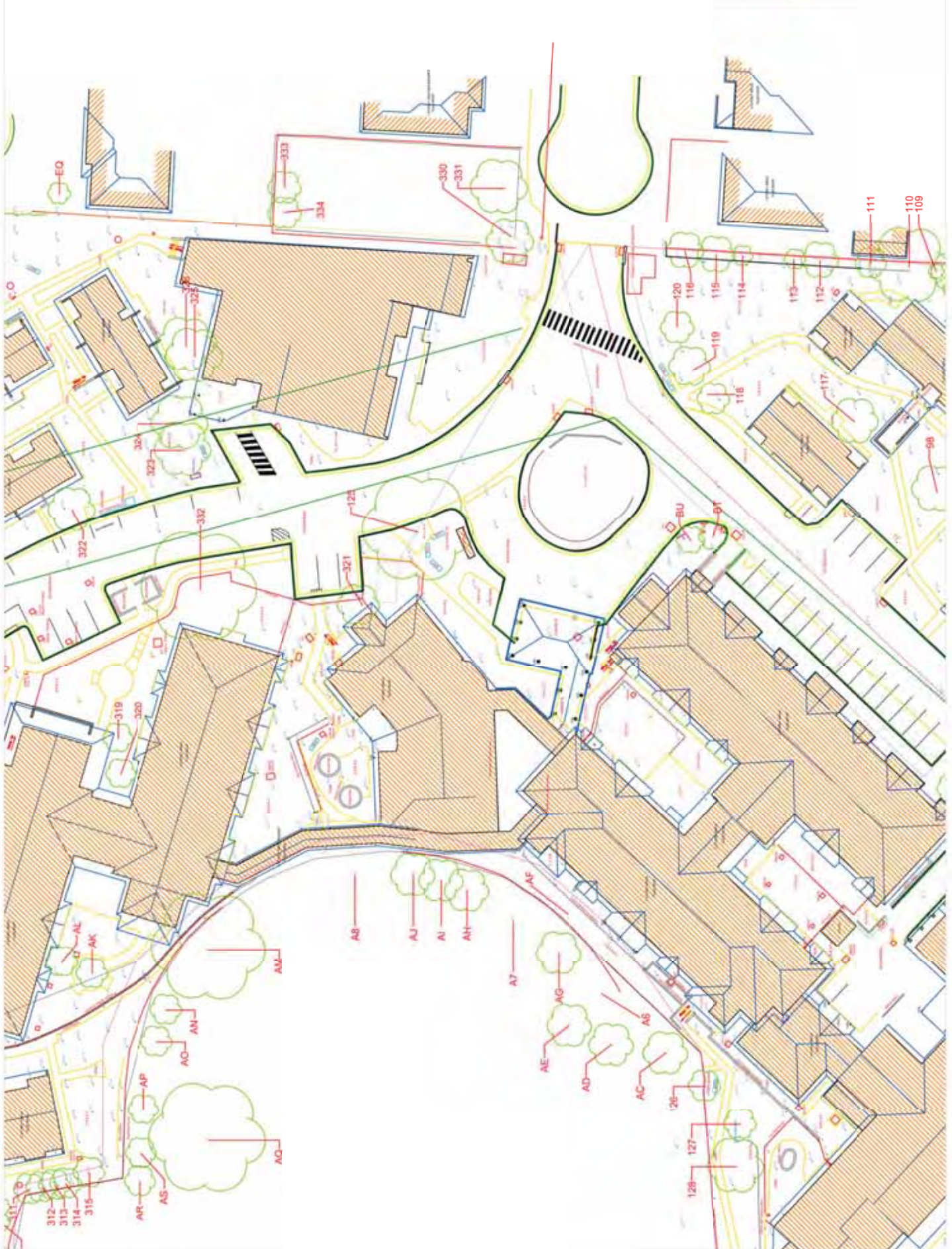


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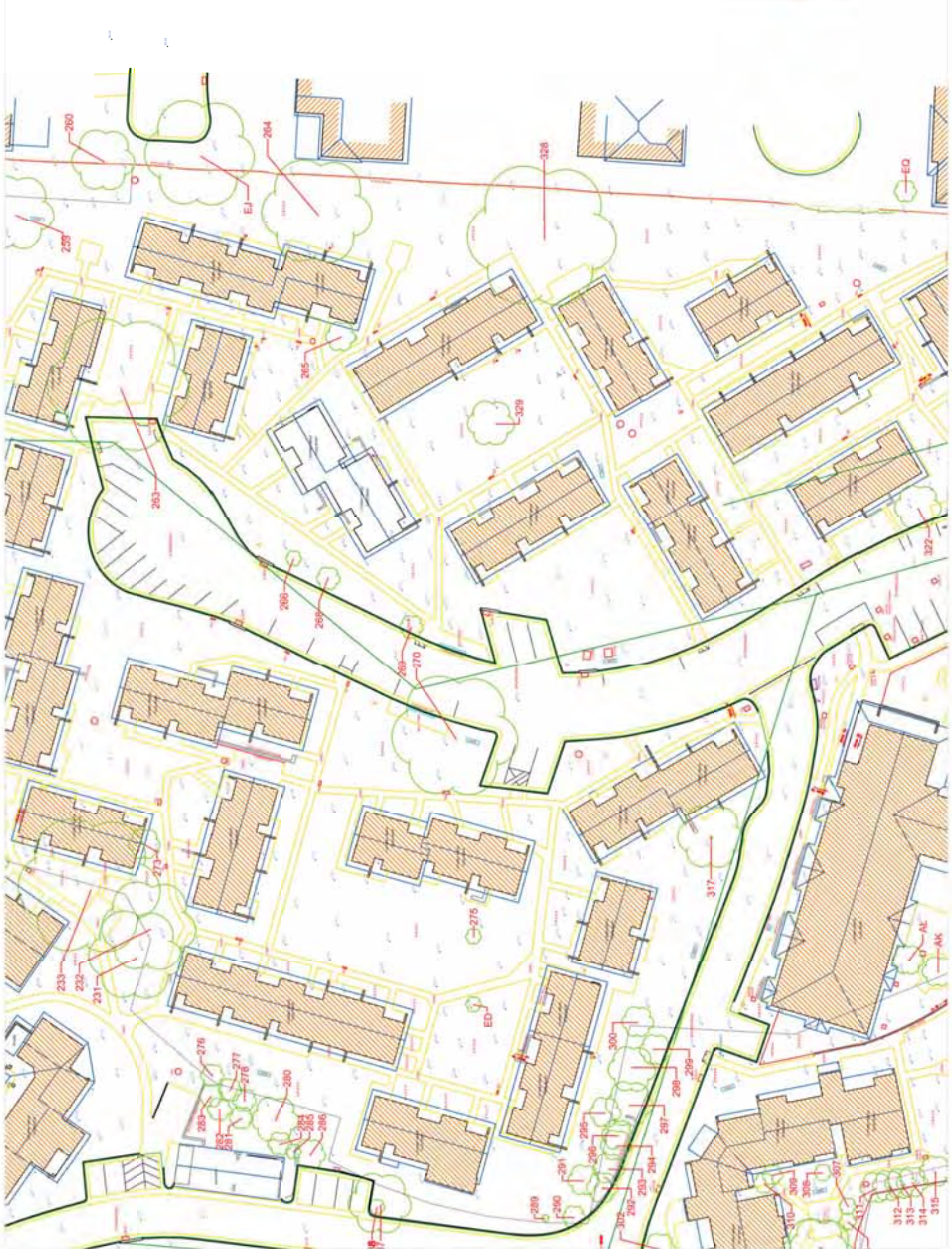
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Cardinal Gilroy Village Merrylands  
 Tree Location Plan  
 Area 3  
 project: CAR/GIL/17  
 date: March 2019  
 dwg no: CAR/GIL/TP/4  
 scale: NTS  
 checked: AH













**Appendix 3: Tree Assessment Schedule**

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
3	<i>Ulmus glabra</i> 'Lutensense' (Golden Elm)	300	7	5	Good	Poor	Co-dominant inclusions, major. Bark inclusion(s), major. Wound(s), early signs of decay. Trunk cavity(s), minor.	Mature	5-15	Low	Consider for Removal	3.6	2
4	Removed.												
5	Removed.												
6	Removed.												
7	Removed.												
8	Removed.												
9	Removed.												

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
10	Removed.												
11	Removed.												
12	Removed.												
13	Removed.												
14	Removed.												
15	Removed.												
16	Removed.												
17	Removed.												
18	Removed.												

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
19	Removed.												
20	Removed.												
21	Removed.												
22	Removed.												
23	Removed.												
24	Removed.												
25	Removed.												
26	Removed.												
27	Removed.												



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
28	Removed.												
29	Removed.												
30	Removed.												
31	Removed.												
32	Removed.												
33	Removed.												
34	Removed.												
35	Removed.												
36	Removed.												

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
37	Removed.												
38	Removed.												
39	Removed.												
45	<i>Fraxinus</i> sp. (Ash)	500	12	7	Dormant. No rating.	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots.	Mature	5-15	Moderate	Consider for Retention	6	2.5
46	<i>Melaleuca bracteata</i> (Black Teatree)	300 200	10	6	Good	Good	Small (<25mm $\phi$ ) deadwood in low volumes. Partially suppressed. Mechanical damage to exposed surface roots.	Mature	5-15	Moderate	Consider for Retention	4.3	2.2
47	<i>Ficus rubiginosa</i> (Port Jackson Fig)	1000 @ grade	13	8	Good	Good	Structures within SRZ.	Mature	15-40	High	Priority for Retention	12	3.4
48	<i>Thuja</i> sp. (Arborvitae)	275	7	4	Fair	No access to base. Not rating.	Crown density 75-95%. Small (<25mm $\phi$ ) deadwood in low volumes. Crown conflict with adjacent structures. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	3.3	1.9
49	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	275 250	8	5	Good	Good	Crown density 50-75%. Small (<25mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ) epicormic growth in low volumes. Partially suppressed. Mechanical damage to exposed surface roots.	Mature	5-15	Moderate	Consider for Retention	4.6	2.3

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
52	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	250 @ grade	4	4	Good	Good	Lopped with resultant epicormics.	Mature	5-15	Moderate	Consider for Retention	3	1.8
53	Removed.												
54	Removed.												
55	<i>Jacaranda mimosifolia</i> (Jacaranda)	300 400 400	10	7	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Structures within SRZ.	Mature	5-15	High	Consider for Retention	7.1	2.7
56	Removed.												
59	<i>Angophora costata</i> (Sydney Red Gum)	550	12	6	Good	Good	Crown density 75-95%. Structures within SRZ.	Mature	15-40	Moderate	Consider for Retention	6	2.5
60	<i>Cupressus torulosa</i> (Bhutan Cypress)	350	12	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.2	2.1
61	<i>Cupressus torulosa</i> (Bhutan Cypress)	350	12	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.2	2.1
62	<i>Cupressus torulosa</i> (Bhutan Cypress)	350	12	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.2	2.1

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
63	<i>Cupressus torulosa</i> (Bhutan Cypress)	350	12	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.2	2.1
64	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
65	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
66	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
67	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
68	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
69	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
70	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
71	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
72	<i>Cupressus torulosa</i> (Bhutan Cypress)	200	9	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	2.4	1.7
73	<i>Cupressus torulosa</i> (Bhutan Cypress)	200	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	2.4	1.7
74	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
75	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
76	<i>Cupressus torulosa</i> (Bhutan Cypress)	275	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.3	1.9
77	<i>Cupressus torulosa</i> (Bhutan Cypress)	300	10	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	3.6	2
78	<i>Cupressus torulosa</i> (Bhutan Cypress)	400	12	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.8	2.3
79	<i>Cupressus torulosa</i> (Bhutan Cypress)	400	11	4	Good	Fair		Mature	5-15	Moderate	Consider for Retention	4.8	2.3
80	<i>Cupressus torulosa</i> (Bhutan Cypress)	400	12	4	Good	Fair	Co-dominant inclusions, major.	Mature	5-15	Moderate	Consider for Retention	4.8	2.3

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
81	<i>Cupressus torulosa</i> (Bhutan Cypress)	400	12	4	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in high volumes. Partially suppressed. Bark inclusion(s), major. Crown conflict with adjacent structures. Structures in SRZ.	Mature	5-15	Moderate	Consider for Retention	4.8	2.3
82	<i>Cupressus sempervirens</i> (Pencil Pine)	150	5	5	Good	Fair	Partially suppressed.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
83	<i>Ligustrum sinense</i> (Small Leaf Privet)	150 150										2.6	1.8
84	<i>Cupressus sempervirens</i> (Pencil Pine)	150	5	5	Good	Fair	Co-dominant inclusions, minor. Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
85	Removed.												
87	<i>Plumeria acutifolia</i> (Frangipani)	150 150	4	2	Poor	Fair	Extensive crown dieback.	Mature	<5	Low	Priority for Removal	2.6	1.8
88	<i>Plumeria acutifolia</i> (Frangipani)	175	4	2	Good	Fair	Crown contact with adjacent building.	Mature	5-15	Low	Consider for Removal	2.1	1.6
89	<i>Ficus rubiginosa</i> (Port Jackson Fig)	850	14	8	Good	Good		Mature	15-40	Moderate	Consider for Retention	10.2	3.1
92	<i>Thuja</i> sp. (Arborvitae)	275@ grade	8	2	Good	Fair	Co-dominant inclusions, minor. Bark inclusion(s), minor. Crown conflict with adjacent structures. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	3.3	1.9

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
94	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	375	8	5	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Co-dominant inclusions, major. Crown conflict with adjacent structures.	Mature	5-15	Moderate	Consider for Retention	4.5	2.2
96	<i>Melaleuca quinquenervia</i> (Broad Leaf Paperbark)	150 200	5	3	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Partially suppressed. Mechanical damage to exposed surface roots. Co-dominant inclusions, major.	Semi-mature	5-15	Moderate	Consider for Retention	2.3	1.7
97	<i>Thuja</i> sp. (Arborvitae)	300 @ grade	5	3	Good	Fair	Co-dominant inclusions, minor. Bark inclusion(s), minor.	Semi-mature	5-15	Low	Consider for Removal	3.6	2
98	<i>Cupressus macrocarpa</i> (Monterey Cypress)	475 @ grade	12	4	Fair	Poor	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in high volumes. Co-dominant inclusions, major. Bark inclusion(s), major. Wound(s), no visible sign of decay. Localised crown dieback.	Mature	<5	Moderate	Priority for Removal	5.8	2.5
99	<i>Jacaranda mimosifolia</i> (Jacaranda)	150 125	7	5	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Co-dominant inclusions, minor.	Mature	5-15	Low	Consider for Removal	2.4	1.7
100	Removed.												
101	Removed.												
102	Removed.												

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
105	Removed.												
106	Removed.												
107	Removed.												
108	<i>Lophostemon confertus</i> (Brush Box)	150	9	3	Fair	Poor	Poor form. Crossing branches. Partially suppressed.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
109	<i>Olea europaea</i> subsp. <i>cupidata</i> (African Olive)	100			Good	Good	Group of 3 trees.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
110	<i>Celtis sinensis</i> (Chinese Nettle Tree)	275	10	5	Fair	Good	Partially suppressed. Mechanical damage to exposed surface roots. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	3.3	1.9
111	<i>Olea europaea</i> subsp. <i>cupidata</i> (African Olive)	150	4	3	Good	Good	Partially suppressed.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
112	<i>Syagrus romanzoffianum</i> (Cocos Palm)	100	5	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	4	n/a
113	<i>Syagrus romanzoffianum</i> (Cocos Palm)	100	5	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	4	n/a



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
114	<i>Syagrus romanzoffianum</i> (Cocos Palm)	100	5	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	4	n/a
115	<i>Syagrus romanzoffianum</i> (Cocos Palm)	175	5	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	4	n/a
116	<i>Syagrus romanzoffianum</i> (Cocos Palm)	175	5	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	4	n/a
117	<i>Cupressus</i> sp. (Cypress species)	400 @ grade	12	4	Good	No access to base. Not rating.	Structures within SRZ.	Mature	15-40	Moderate	Consider for Retention	4.8	2.3
118	<i>Prunus</i> sp. (Prunus)	150	4	3	Poor	Poor	Small (<25mm $\phi$ ) epicormic growth in high volumes. Crown density 0-25%.	Mature	<5	Low	Priority for Removal	2	1.5
119	<i>Prunus</i> sp. (Prunus)	150	4	3	Poor	Poor	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Wound(s), advanced stages of decay. Storm damage. Small (<25mm $\phi$ ) epicormic growth in high volumes. Crown density 0-25	Mature	<5	Low	Priority for Removal	2	1.5
120	<i>Cupressus macrocarpa</i> (Monterey Cypress)	300	11	3	Good	No access to base. Not rating.		Mature	15-40	Moderate	Consider for Retention	3.6	2
125	<i>Melaleuca decora</i> (White Feather Honeymyrtle)	1000	14	9	Good	Good	Crossing branches. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) epicormic growth in low volumes. Structures within SRZ.	Mature	15-40	High	Priority for Retention	12	3.3

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
126	<i>Macadamia</i> sp. (Macadamia species)	350 @ grade	8	4	Fair	Poor	Crossing branches. Crown density 50-75%. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Co-dominant inclusions, major. Bark inclusion(s), major. Wound(s), advanced stages of decay. Trunk cavity(s), minor. Structures within SRZ.	Mature	<5	Low	Priority for Removal	4.2	2.1
127	<i>Prunus</i> sp. (Prunus)	150	3	2	Fair	Poor	Crossing branches. Co-dominant inclusions, major. Borer.	Semi-mature	<5	Low	Priority for Removal	2	1.5
128	<i>Quercus robur</i> (English Oak)	300	7	5	Fair	Good	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Wound(s), early signs of decay. Borer. Small (<25mm $\emptyset$ ) epicormic growth in high volumes. Crown density 50-75%.	Mature	5-15	Moderate	Consider for Retention	3.6	2
130	<i>Grevillea robusta</i> (Silky Oak)	400	18	8	Good	Good	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Structures within SRZ.	Mature	15-40	Moderate	Consider for Retention	4.8	2.3
131	<i>Ulmus glabra</i> 'Lutensence' (Golden Elm)	164	6	5	Good	Good	Crossing branches.	Mature	5-15	Low	Consider for Removal	2	1.5
132	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	350 @ grade	4	4	Good	Fair	Crown density 75-95%. Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Bark inclusion(s), minor. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	4.2	2.1
133	<i>Murraya paniculata</i> (Mock Orange)	300 @ grade	3	2	Good	No access to base. Not rating.	Structures within SRZ.	Mature	5-15	Low	Consider for Removal	3.6	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
134	<i>Albizia julibrissin</i> (Silk Tree)	150	3	3	Fair	Poor	Mechanical damage to exposed surface roots. Wound(s), advanced stages of decay. Borer.	Semi-mature	<5	Low	Priority for Removal	2	1.5
135	<i>Gleditsia triacanthos</i> cvs (Honey Locust cultivars)	225	9	7	Fair	Fair	Mechanical damage to exposed surface -dominant inclusions, minor. Wound(s), early signs of decay. Borer.	Mature	5-15	Moderate	Consider for Retention	2.7	1.8
136	<i>Celtis sinensis</i> (Chinese Nettle Tree)	200	7	4	Fair	Good	Structures within SRZ.	Mature	5-15	Low	Consider for Removal	2.4	1.7
137	<i>Cupressus macrocarpa</i> (Monterey Cypress)	400 @ grade	10	4	Poor	Poor	Localised crown death. Crown density 25-50%. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in high volumes. Partially suppressed. Co-dominant inclusions, major. Bark inclusion(s), major. Structures within SRZ.	Mature	<5	Low	Priority for Removal	4.8	2.3
138	Dead.												
139	Dead.												
140	<i>Cupressus macrocarpa</i> (Monterey Cypress)	350	12	3	Fair	Poor	Co-dominant inclusions, major. Storm damage. Heavily suppressed. Poor form.	Mature	<5	Moderate	Priority for Removal	4.2	2.1
141	Dead.												

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
142	Dead.												
143	Dead.												
144	<i>Morus nigra</i> (Mulberry)	250	4	4	Fair	Poor	Mechanical damage to exposed surface roots. Lopped with resultant epicormics. Wound(s), advanced stages of decay. Trunk cavity(s), major.	Mature	<5	Low	Priority for Removal	3	1.8
145	<i>Corymbia maculata</i> (Spotted Gum)	500										6	2.5
146	<i>Pistacia chinensis</i> (Chinese Pistachio)	200										2.4	1.7
147	<i>Corymbia maculata</i> (Spotted Gum)	250										3	1.8
149	<i>Grevillea robusta</i> (Silky Oak)	300	12	5	Fair	Good	Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ) epicormic growth in low volumes. Mechanical damage to exposed surface roots. Borer.	Semi-mature	5-15	Moderate	Consider for Retention	3.6	2
150	<i>Photinia glabra</i> (Japanese Photinia)	350 @ grade	7	4	Good	Fair	Small (<25mm $\phi$ ) epicormic growth in moderate volumes. Mechanical damage to exposed surface roots. Bark inclusion(s), minor. Wound(s), various stages of decay.	Mature	5-15	Moderate	Consider for Retention	4.2	2.1

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
151	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	3	2	Good	Good	Small (<25mm $\emptyset$ ) deadwood in low volumes. Wound(s), early signs of decay.	Mature	5-15	Low	Consider for Removal	2	1.5
152	<i>Cupressus cashmeriana</i> (Kashmir Cypress)	400 @ grade	9	4	Good	Fair	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Co-dominant inclusions, minor. Bark inclusion(s), minor.	Mature	5-15	Moderate	Consider for Retention	4.8	2.2
154	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	5		Good	Good		Semi-mature	5-15	Low	Consider for Removal	2	1.5
155	<i>Olea europaea</i> var. <i>europaea</i> (European Olive)	700 @ grade	5	4	Good	Fair	Coppice stool.	Mature	5-15	Low	Consider for Removal	8.4	2.8
156	Dead.												
157	<i>Eucalyptus microcorys</i> (Tallowwood)	400	10	6	Good	Fair	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Co-dominant inclusions, major.	Semi-mature	5-15	Moderate	Consider for Retention	4.8	2.3
158	Dead.												
159	<i>Eucalyptus scoparia</i> (Wallangarra White Gum)	200	5	4	Good	Poor	Crown consists mainly of epicormic growth. Wound(s), advanced stages of decay.	Semi-mature	<5	Low	Priority for Removal	2.4	1.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
160	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	150	2	1	Poor	Poor	Crown density 25-50%. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in high volumes. Crown consists mainly of epicormic growth. Lopped with resultant epicormics.	Semi-mature	<5	Low	Priority for Removal	2	1.5
162	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	70	3	1	Fair	Poor	Heavily suppressed. Wound(s), early signs of decay. Trunk cavity(s), minor.	Semi-mature	<5	Low	Priority for Removal	2	1.5
163	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Good	Good		Mature	5-15	Moderate	Consider for Retention	2	1.5
164	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	150	3	3	Good	Good	Small (<25mm $\phi$ ) deadwood in low volumes.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
165	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Fair	Fair	Crossing branches. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes.	Mature	5-15	Low	Consider for Removal	2	1.5
166	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4		Good	Good		Semi-mature	5-15	Low	Consider for Removal	2	1.5
167	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	70	4	3	Good	Good	Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
168	<i>Eucalyptus moluccana</i> (Grey Box)	425	17	6	Good	Fair	Ganoderma bracket with signs of internal decay. Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Wound(s), early signs of decay. Trunk cavity(s), major. Structures within SRZ. Internal	Mature	5-15	High	Consider for Retention	5.1	2.3

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
169	<i>Eucalyptus moluccana</i> (Grey Box)	500	16	9	Good	Fair	Adaptive growth lower trunk, which may indicate internal decay. Close proximity to Tree 168 which has Ganoderma infection. Small (<25mmØ) & medium (25-75mmØ) deadwood in moderate volumes. Mechanical damage to exposed surface roots. Trunk cavity(s), major. Internal diagnostic testing recommended.	Mature	5-15	High	Consider for Retention	6	2.5
170	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	75	2	2	Good	Good		Young	5-15	Low	Consider for Removal	2	1.5
171	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	75	2	2	Good	Good		Young	5-15	Low	Consider for Removal	2	1.5
172	<i>Eucalyptus moluccana</i> (Grey Box)	375	20	9	Good	Good	Crossing branches. Small (<25mmØ) & medium (25-75mmØ) deadwood in low volumes. Partially suppressed. Structures within SRZ.	Mature	15-40	Moderate	Consider for Retention	4.5	2.2
173	<i>Eucalyptus moluccana</i> (Grey Box)	400	15	7	Good	Good	Small (<25mmØ) & medium (25-75mmØ) deadwood in low volumes. Small (<25mmØ), medium (25-75mmØ) & large (>75mmØ) epicormic growth in low volumes. Partially suppressed.	Mature	15-40	High	Priority for Retention	4.8	2.3
174	<i>Eucalyptus moluccana</i> (Grey Box)	400	20	7	Good	Good	Gummosis with adaptive growth in lower trunk. Medium (25-75mmØ) deadwood in low volumes.	Mature	15-40	High	Priority for Retention	4.8	2.3

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
175	<i>Eucalyptus moluccana</i> (Grey Box)	325	12	8	Good	Fair	Small (<25mm $\emptyset$ ) deadwood in low volumes. Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) epicormic growth in low volumes. Heavily suppressed.	Semi-mature	5-15	Moderate	Consider for Retention	3.9	2.1
176	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	425	14	7	Good	Fair	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Partially suppressed. Wound(s), early stages of decay.	Mature	5-15	Moderate	Consider for Retention	5.1	2.3
178	<i>Eucalyptus moluccana</i> (Grey Box)	300	6	2	Poor	Poor	Crown consists mainly of epicormic growth.	Mature	<5	Low	Priority for Removal	3.6	2
179	<i>Eucalyptus moluccana</i> (Grey Box)	425	16	7	Good	Good	Crown density 75-95%. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) epicormic growth in low volumes.	Mature	15-40	High	Priority for Retention	5.1	2.3
180	<i>Eucalyptus moluccana</i> (Grey Box)	375	15	7	Fair	Fair	Crown density 50-75%. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) epicormic growth in moderate volumes.	Mature	5-15	Moderate	Consider for Retention	4.5	2.2
181	<i>Eucalyptus moluccana</i> (Grey Box)	425	22	7	Good	Good	Crown density 75-95%. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) epicormic growth in moderate volumes. Partially suppressed.	Mature	15-40	High	Priority for Retention	5.1	2.3



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
182	<i>Eucalyptus moluccana</i> (Grey Box)	275	8	4	Good	Good	Heavily suppressed. Wound(s), early signs of decay.	Semi-mature	5-15	Moderate	Consider for Retention	3.3	1.9
183	<i>Eucalyptus moluccana</i> (Grey Box)	425	14	8	Good	Fair	Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Partially suppressed. Co-dominant inclusions, minor. Phototrophic lean, slight.	Mature	5-15	Moderate	Consider for Retention	5.1	2.3
184	<i>Eucalyptus microcoyns</i> (Tallowwood)	202	6	3	Fair	Good	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ) epicormic growth in moderate volumes. Heavily suppressed.	Semi-mature	5-15	Low	Consider for Removal	2.4	1.7
185	<i>Eucalyptus moluccana</i> (Grey Box)	450	14	9	Good	Fair	Crossing branches. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) epicormic growth in moderate volumes. Heavily suppressed. Adaptive growth, compression side.	Mature	5-15	High	Consider for Retention	5.4	2.4
186	<i>Eucalyptus moluccana</i> (Grey Box)	450	22	7	Good	Poor	1st order branch that extends over road with entire circumference with vascular dysfunction. Gummosis. Previously injected. Small (<25mm $\emptyset$ ), medium (25-75mm $\emptyset$ ) & large (>75mm $\emptyset$ ) deadwood in moderate volumes. Co-dominant inclusions, major. Wound(s), various stages of decay. Adaptive growth.	Mature	5-15	High	Consider for Retention	5.4	2.4

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
187	<i>Eucalyptus moluccana</i> (Grey Box)	600	20	8	Fair	Poor	>30% stem circumference with vascular dysfunction. Ganoderma brackets. Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low -dominant inclusions, major. Wound(s) with fungal brackets. Trunk cavity(s), major. Structures within SRZ.	Mature	<5	High	Priority for Removal	7.2	2.7
188	<i>Eucalyptus moluccana</i> (Grey Box)	300	15	6	Good	Good	Partially suppressed.	Mature	5-15	Moderate	Consider for Retention	3.6	2
189	<i>Eucalyptus moluccana</i> (Grey Box)	300	14	7	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ) & large (>75mm $\phi$ ) epicormic growth in low volumes. Partially suppressed.	Semi-mature	5-15	Moderate	Consider for Retention	3.6	2
190	<i>Brachychiton populneus</i> (Kurrajong)	175	3	2	Good	Fair	Lost central leader.	Young	5-15	Low	Consider for Removal	2.1	1.6
191	<i>Grevillea robusta</i> (Silky Oak)	75	5	2	Fair	Fair	Crown density 75-95%. Small (<25mm $\phi$ ) deadwood in low volumes. Wound(s), advanced stages of decay.	Young	5-15	Low	Consider for Removal	2	1.5
192	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	75	2	2	Good	Good	Small (<25mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ) epicormic growth in low volumes.	Young	5-15	Low	Consider for Removal	2	1.5
193	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	209	4	3	Good	Fair	Crossing branches. Mechanical damage to exposed surface roots. Lopped with resultant epicormics. Co-dominant inclusions, major. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	2.5	1.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
194	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	2	2	Good	Fair	Lopped. Co-dominant inclusions, minor. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	2	1.5
195	<i>Photinia glabra</i> (Japanese Photinia)	90	2	2	Good	Good		Mature	<5	Low	Priority for Removal	2	1.5
196	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	150	3	2	Good	Good	Partially suppressed. Phototrophic lean, moderate.	Young	5-15	Low	Consider for Removal	2	1.5
197	<i>Eucalyptus moluccana</i> (Grey Box)	575	20	9	Good	Fair	Major cavity in fork (see p335). Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Partially suppressed. Structures within SRZ. Internal diagnostic testing recommended.	Mature	5-15	High	Consider for Retention	6.9	2.6
198	<i>Eucalyptus moluccana</i> (Grey Box)	450	20	9	Good	Good	Medium (25-75mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) epicormic growth in moderate volumes. Partially suppressed.	Mature	15-40	High	Priority for Retention	5.4	2.4
199	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	650	28	11	Good	Good	Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in low volumes. Co -dominant inclusions, minor. Structures within SRZ. Storm damage.	Mature	15-40	High	Priority for Retention	7.8	2.8
200	<i>Eucalyptus moluccana</i> (Grey Box)	225	7	3	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in low volumes. Heavily suppressed.	Young	5-15	Low	Consider for Removal	2.7	1.8

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
201	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	600	28	10	Fair	Fair	Lost central leader. Crown density 50-75%. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) epicormic growth in moderate volumes. Wound(s), no visible sign of decay. Structures within SRZ.	Mature	5-15	High	Consider for Retention	7.2	2.7
202	<i>Olea europaea</i> var. <i>europaea</i> (European Olive)	75	3	2	Good	Good	Structures within SRZ.	Young	5-15	Low	Consider for Removal	2	1.5
203	<i>Eucalyptus microcorys</i> (Tallowwood)	100	3	3	Good	Fair	Poor branch attachment. Heavily suppressed.	Young	5-15	Low	Consider for Removal	2	1.5
204	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	500	10	6	Good	Fair	Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in moderate volumes. Partially suppressed. Wound(s), early signs of decay.	Mature	5-15	Moderate	Consider for Retention	6	2.5
205	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	700	28	12	Good	Good	Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in low volumes. Wound(s), early signs of decay. Structures within SRZ.	Mature	15-40	High	Priority for Retention	8.4	2.8
206	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	600	26	11	Good	Good	Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in low volumes. Wound(s), early signs of decay.	Mature	15-40	High	Priority for Retention	7.2	2.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
207	<i>Eucalyptus microcorys</i> (Tallowwood)	400	14	7	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Co-dominant inclusions, major. Bark inclusion(s), major. Structures within SRZ.	Mature	15-40	Moderate	Consider for Retention	4.8	2.3
208	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	150	3	2	Good	Fair	Heavily suppressed. Lopped with resultant epicormics.	Young	5-15	Low	Consider for Removal	2	1.5
209	<i>Eucalyptus microcorys</i> (Tallowwood)	250	12	7	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Structures within SRZ. Storm damage.	Semi-mature	5-15	Moderate	Consider for Retention	3	1.8
210	<i>Eucalyptus sideroxylon</i> (Mugga Ironbark)	250	11	3	Fair	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in moderate volumes. Partially suppressed.	Mature	5-15	Moderate	Consider for Retention	3	1.8
211	<i>Eucalyptus scoparia</i> (Wallangarra White Gum)	375	11	6	Fair	Good	Crown density 75-95%. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Wound(s), no visible sign of decay. Phototrophic lean, slight.	Mature	5-15	Moderate	Consider for Retention	4.5	2.2
212	<i>Cotoneaster</i> sp. (Cotoneaster)	246	4	5	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in moderate volumes. Mechanical damage to exposed surface roots. Wound(s), various stages of decay.	Mature	5-15	Low	Consider for Removal	3	1.8
213	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	266	8	3	Poor	Fair	Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes.	Semi-mature	5-15	Moderate	Consider for Retention	3.2	1.9

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
214	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	283	7	4	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Partially suppressed. Structures within SRZ.	Semi-mature	5-15	Moderate	Consider for Retention	3.4	1.9
215	<i>Ulmus parvifolia</i> (Chinese Weeping Elm)	261	5	5	Dormant. No rating.	Fair	Crossing branches. Small (<25mm $\phi$ ) deadwood in high volumes. Co-dominant inclusions, minor.	Mature	5-15	Low	Consider for Removal	3.1	1.9
217	<i>Cupressus arizonica</i> (Arizona Cypress)	400 @ grade	6	4	Fair	Poor	Crossing branches. Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Lopped. Co-dominant inclusions, major. Bark inclusion(s), major.	Mature	5-15	Low	Consider for Removal	4.8	2.3
218	<i>Michelia figo</i> (Port Wine Magnolia)	300 @ grade	3	3	Fair	Fair	Co-dominant inclusions, major. Bark inclusion(s), minor.	Semi-mature	5-15	Low	Consider for Removal	3.6	2
219	<i>Plumeria acutifolia</i> (Frangipani)	200 @ grade	2	1	Dormant. No rating.	Fair	Heavily suppressed.	Semi-mature	<5	Low	Priority for Removal	2.4	1.7
220	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	<50	2	1	Good	No access to base. Not rating.	Heavily suppressed.	Semi-mature	<5	Low	Priority for Removal	2	1.5
221	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	70	4	2	Fair	Fair	Structures within SRZ.	Young	<5	Low	Priority for Removal	2	1.5
222	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	70	4	2	Fair	Fair	Structures within SRZ.	Young	<5	Low	Priority for Removal	2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
223	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	70	4	2	Fair	Fair	Structures within SRZ.	Young	<5	Low	Priority for Removal	2	1.5
224	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	6	4	Fair	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Heavily suppressed. Crown conflict with adjacent structures.	Mature	5-15	Low	Consider for Removal	2	1.5
225	<i>Eucalyptus</i> sp. (Eucalypt.)	150	7	6	Fair	Fair	Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Trunk conflict with adjacent structures. Phototrophic lean, moderate.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
226	<i>Eucalyptus moluccana</i> (Grey Box)	450	20	9	Poor	Poor	>30% stem circumference with vascular dysfunction. Crown density 50-75%. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in high volumes. Small (<25mm $\phi$ ) epicormic growth in moderate volumes. Wound(s), advanced stages of decay. Structures within SRZ.	Late Mature	<5	High	Priority for Removal	5.4	2.4
227	<i>Cupressus arizonica</i> (Arizona Cypress)	283	11	4	Fair	Poor	Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Co-dominant inclusions, major. Structures within SRZ. Recently failed.	Mature	<5	Low	Priority for Removal	3.4	1.9
228	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Good	Fair	Co-dominant inclusions, major. Crown conflict with adjacent structures. Structures SRZ.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
229	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	277	4	2	Good	Good	Mechanical damage to exposed surface roots. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	3.3	1.9

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
231	<i>Eucalyptus moluccana</i> (Grey Box)	475	18	7	Good	Fair	Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) epicormic growth in moderate volumes.	Mature	15-40	High	Priority for Retention	5.7	2.4
232	<i>Eucalyptus moluccana</i> (Grey Box)	500	18	7	Good	Fair	Adaptive growth lower trunk. Wound(s), early signs of decay. Crossing 2nd order branches. Medium (25-75mm $\phi$ ) deadwood in low volumes.	Mature	15-40	High	Priority for Retention	6	2.5
233	<i>Eucalyptus moluccana</i> (Grey Box)	500	20	10	Fair	Good	Gummosis and deadwood in high target area. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Wound(s), early signs of decay. Structures within SRZ.	Mature	15-40	High	Priority for Retention	6	2.5
234	<i>Cupressus arizonica</i> (Arizona Cypress)	373	8	3	Fair	Fair	Crown density 50-75%. Bark inclusion(s), major. Crown conflict with adjacent structures.	Mature	5-15	Moderate	Consider for Retention	4.5	2.2
235	<i>Murraya paniculata</i> (Mock Orange)	200 @ grade	3	2	Good	Fair	Crown density 75-95%.	Mature	5-15	Low	Consider for Removal	2.4	1.7
236	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Fair	Fair	Crown density 50-75%. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in high volumes. Bark inclusion(s), minor.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
237	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	70	3	1	Fair	Fair	Lopped with resultant epicormics.	Semi-mature	<5	Low	Priority for Removal	2	1.5
238	<i>Eucalyptus moluccana</i> (Grey Box)	700	28	12	Good	Good	Previously crown lifted. Small (<25mm $\phi$ ) epicormic growth in low volumes.	Mature	15-40	High	Priority for Retention	8.4	2.8



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
239	<i>Eucalyptus moluccana</i> (Grey Box)	400	15	7	Good	Good	Previously crown lifted. Wound(s), various stages of decay.	Mature	5-15	High	Consider for Retention	4.8	2.3
240	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	150	6	3	Fair	Good	Crown density 50-75%.	Mature	5-15	Moderate	Consider for Retention	2	1.5
241	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	150	6	3	Fair	Good	Crown density 50-75%. Mechanical damage to exposed surface roots. Wound(s), advanced stages of decay. Crown conflict with adjacent structures.	Mature	5-15	Moderate	Consider for Retention	2	1.5
242	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	200	7	4	Fair	Good	Crown density 50-75%. Crown density 50-75%. Small (<25mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Wound(s), advanced stages of decay.	Mature	5-15	Moderate	Consider for Retention	2.4	1.7
243	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	150	6	2	Fair	Poor	Crown density 50-75%. Lost central leader. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Mechanical damage to exposed surface roots.	Semi-mature	<5	Moderate	Priority for Removal	2	1.5
244	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	225	7	3	Fair	Good	Crown density 50-75%. Mechanical damage to exposed surface roots. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	2.7	1.8
245	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	293	7	4	Fair	Good	Crown density 50-75%. Wound(s), advanced stages of decay. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	3.5	2
246	<i>Fraxinus</i> sp. (Ash)	150 @ grade	3	2	Dormant. No rating.	Fair	Lost central leader. Small (<25mm $\phi$ ) deadwood in low volumes. Wound(s), advanced stages of decay.	Mature	5-15	Low	Consider for Removal	2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
247	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	160	5	4	Good	Good	Roots severance in SRZ. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Wound(s), early signs of decay. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	2	1.5
248	<i>Cupressus macrocarpa</i> (Monterey Cypress)	275	11	3	Good	Fair	Lost central leader.	Mature	5-15	Moderate	Consider for Retention	3.3	1.9
249	<i>Eucalyptus moluccana</i> (Grey Box)	800	11	3	Good	Good	Small (<25mm $\phi$ ) epicormic growth in low volumes.	Mature	15-40	High	Priority for Retention	9.6	3
250	<i>Xcupressocyparis leylandi</i> (Leyland Cypress)	300	12	4	Good	Good	Partially suppressed. Limited crown clearance.	Mature	5-15	Moderate	Consider for Retention	3.6	2
251	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	5	3	Good	Good	Co-dominant inclusions, major. Wound(s), no visible sign of decay.	Mature	5-15	Low	Consider for Removal	2	1.5
252	<i>Eucalyptus moluccana</i> (Grey Box)	775	20	8	Good	Good	Small (<25mm $\phi$ ) deadwood in low volumes. Co-dominant inclusions, major. Potential cavity at fused 1st order branches at 9m. Internal diagnostic testing recommended. Structures within SRZ.	Mature	15-40	High	Priority for Retention	9.3	3
253	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	175	7	3	Good	Good	Limited crown clearance. Tree tagged 253.	Semi-mature	5-15	Low	Consider for Removal	4	n/a
254	<i>Agonis flexuosa</i> (Willow Myrtle)	294	4	3	Good	Poor	Crossing branches. Partially suppressed. Co-dominant inclusions, major. Bark inclusion(s), major. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	3.5	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
255	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	250 @ grade	4	3	Good	Good	Small (<25mm $\emptyset$ ) deadwood in low volumes.	Mature	5-15	Low	Consider for Removal	3	1.8
256	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	200 @ grade	3	2	Good	Good	Small (<25mm $\emptyset$ ) epicormic growth in high volumes.	Mature	5-15	Low	Consider for Removal	2.4	1.7
259	<i>Eucalyptus moluccana</i> (Grey Box)	450	22	6	Good	Poor	Previously crown lifted. Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in moderate volumes. Canker-like lesion at 2m >30% of circumference effected. Sunken tissue at base of trunk.	Mature	<5	Moderate	Priority for Removal	5.4	2.4
260	<i>Melia azedarach</i> (White Cedar)	300	9	4	Good	Fair	Lopped. Limited access.	Mature	5-15	Low	Consider for Removal	3.6	2
263	<i>Eucalyptus microcorys</i> (Tallowwood)	1000	18	10	Good	Fair	Potential trunk wound under bark. Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in moderate volumes. Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) epicormic growth in low volumes. Structures within SRZ. Partially broken hanger in lower crown.	Mature	15-40	High	Priority for Retention	12	3.3
264	<i>Jacaranda mimosifolia</i> (Jacaranda)	350 375	12	8	Good	Good	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in moderate volumes. Mechanical damage to exposed surface roots.	Mature	5-15	Moderate	Consider for Retention	6.1	2.5
265	<i>Michelia figo</i> (Port Wine Magnolia)	300 @ grade	3	2	Good	Fair	Crossing branches. Co-dominant inclusions, minor.	Mature	5-15	Low	Consider for Removal	3.6	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
266	<i>Nerium oleander</i> cvs (Oleander cultivars)	275@ grade	3	2	Good	Good		Semi-mature	5-15	Low	Consider for Removal	3.3	1.9
268	<i>Spirea cantoniensis</i> (May Bush)	200	1	1	Good	Good	Hedged.	Mature	5-15	Low	Consider for Removal	2.4	1.7
269	<i>Murraya paniculata</i> (Mock Orange)	200	2	2	Good	Good	Hedged.	Mature	5-15	Low	Consider for Removal	2.4	1.7
270	<i>Eucalyptus microcorys</i> (Tallowwood)	1000	17	8	Good	Fair	Crossing branches, fused. Small (<25mmØ) & medium (25-75mmØ) deadwood in low volumes. Co-dominant inclusions, minor.	Mature	15-40	High	Priority for Retention	12	3.3
271	Removed.												
272	Removed.												
273	<i>Eriobotrya japonica</i> (Loquat)	75	3	2	Good	Good	Partially suppressed. Limited crown clearance.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
274	Removed.												
275	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Good	Good		Mature	5-15	Moderate	Consider for Retention	2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
276	<i>Thuja</i> sp. (Arborvitae)	200 @ grade	6	3	Fair	Fair	Crown density 75-95%. Co-dominant inclusions, minor.	Mature	5-15	Moderate	Consider for Retention	2.4	1.7
277	<i>Thuja</i> sp. (Arborvitae)	250 @ grade	6	3	Good	Fair	Small (<25mm $\emptyset$ ) deadwood in moderate - dominant inclusions, minor.	Mature	5-15	Moderate	Consider for Retention	3	1.8
278	<i>Callistemon citrinus</i> (Lemon Scented Bottlebrush)	250 @ grade	3	2	Fair	Fair	Partially suppressed. Crown density 50-75%.	Mature	5-15	Low	Consider for Removal	3	1.8
279	Removed.												
280	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	350	4	3	Good	Good	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes.	Mature	5-15	Low	Consider for Removal	4.2	2.1
281	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	200 @ grade	7	3	Good	Good		Semi-mature	15-40	Moderate	Consider for Retention	2.4	1.7
282	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	200 @ grade	7	3	Good	Good		Semi-mature	15-40	Moderate	Consider for Retention	2.4	1.7
283	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	200 @ grade	7	3	Good	Good		Semi-mature	15-40	Moderate	Consider for Retention	2.4	1.7
284	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	305	7	3	Good	Fair		Semi-mature	5-15	Low	Consider for Removal	3.7	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
285	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	100	4	2	Fair	Poor	Heavily suppressed. Structures within SRZ.	Semi-mature	<5	Low	Priority for Removal	2	1.5
286	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	217	6	3	Good	Fair	Co-dominant inclusions, major. Structures within SRZ.	Semi-mature	5-15	Low	Consider for Removal	2.6	1.7
287	<i>Melaleuca bracteata</i> (Black Teatree)	150 150 150 150	8	5	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	3.6	2
288	<i>Celtis sinensis</i> (Chinese Nettle Tree)	50	3	2	Dormant. No rating.	Good	Crossing branches. Heavily suppressed.	Young	<5	Low	Priority for Removal	2	1.5
289	<i>Cupressus sempervirens</i> (Pencil Pine)	300	6	1	Good	Good		Mature	15-40	Low	Consider for Removal	2.1	1.6
290	<i>Cupressus sempervirens</i> (Pencil Pine)	275	9	1	Good	Good		Mature	15-40	Low	Consider for Removal	3.3	1.9
291	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	180	4	3	Fair	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Co-dominant inclusions, major.	Mature	5-15	Low	Consider for Removal	2.2	1.6
292	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	300	12	3	Good	Good	Structures within SRZ. Phototrophic lean, slight.	Mature	5-15	Moderate	Consider for Retention	3.6	2
293	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	200 @ grade	2	2	Fair	Fair		Mature	5-15	Low	Consider for Removal	2.4	1.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
294	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	125 @ grade	2	2	Fair	Good	Small (<25mm $\emptyset$ ) deadwood in moderate volumes. Partially suppressed.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
295	<i>Hibiscus rosa-sinensis</i> (Rose of China)	300 @ grade	3	3	Good	Fair	Lopped with resultant epicormics.	Semi-mature	5-15	Low	Consider for Removal	3.6	2
296	<i>Viburnum tinus</i> (Viburnum)	125 @ grade	2	2	Fair	Good	Small (<25mm $\emptyset$ ) deadwood in moderate volumes. Partially suppressed.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
297	<i>Melaleuca bracteata</i> (Black Teatree)	375 @ grade	5	4	Good	No access to base. Not rating.	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low volumes. Partially suppressed.	Mature	5-15	Moderate	Consider for Retention	4.5	2.2
298	<i>Melaleuca bracteata</i> (Black Teatree)	400 @ grade	6	4	Good	No access to base. Not rating.	Heavily suppressed.	Mature	5-15	Low	Consider for Removal	4.8	2.3
299	<i>Melaleuca bracteata</i> (Black Teatree)	300 @ grade	5	4	Good	No access to base. Not rating.	Small (<25mm $\emptyset$ ) deadwood in low volumes. Heavily suppressed.	Mature	5-15	Low	Consider for Removal	3.6	2
300	<i>Xcupressocyparis leylandii</i> (Leyland Cypress)	400 @ grade	11	4	Good	Poor	Small (<25mm $\emptyset$ ) & medium (25-75mm $\emptyset$ ) deadwood in low -dominant inclusions, major. Bark inclusion(s), minor.	Mature	5-15	Moderate	Consider for Retention	4.8	2.3
301	<i>Melaleuca decora</i> (White Feather Honeymyrtle)	900	18	9	Good	Fair	Small (<25mm $\emptyset$ ) deadwood in low - dominant inclusions, minor. Crown conflict with adjacent structures. Structures within in SRZ.	Mature	15-40	High	Priority for Retention	10.8	3.2
302	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	195	2	2	Fair	Poor	Small (<25mm $\emptyset$ ) deadwood in high volumes. Lopped with resultant - dominant inclusions, minor.	Mature	5-15	Moderate	Consider for Retention	2.3	1.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
303	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	400 @ grade			Good	Good	Small (<25mm $\emptyset$ ) epicormic growth in moderate volumes. Partially suppressed. Structures within SRZ.	Mature	5-15	Moderate	Consider for Retention	4.8	2.3
304	<i>Acer negundo</i> (Box Elder)	300	7	4	Dormant. No rating.	Fair	Previously pollarded. Crown consists mainly of epicormic growth. Wound(s), advanced stages of decay. Trunk cavity(s), minor.	Mature	5-15	Moderate	Consider for Retention	3.6	2
305	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	3	Fair	Fair	Small (<25mm $\emptyset$ ) epicormic growth in high volumes. Partially suppressed. Lopped. Wound(s), no visible sign of decay. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	2	1.5
306	<i>Thuja</i> sp. (Arborvitae)	125 @ grade	2	1	Good	Poor	Heavily suppressed.	Young	5-15	Low	Consider for Removal	2	1.5
307	<i>Ficus benjamina</i> 'Exotica' (Weeping Fig)	250 @ grade	7	3	Good	Fair	Crossing branches. Codominant inclusions, major. Bark inclusion(s), minor.	Semi-mature	5-15	Low	Consider for Removal	3	1.8
308	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	175	5	4	Good	Good	Small (<25mm $\emptyset$ ) deadwood in moderate volumes. Partially suppressed. Crown conflict with adjacent structures.	Mature	5-15	Moderate	Consider for Retention	2.1	1.6
309	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	250	10	4	Good	Good	Limited crown clearance.	Mature	5-15	Low	Consider for Removal	5	n/a
310	<i>Phoenix roebelenii</i> (Dwarf Date Palm)	75	4	2	Good	Good	Crown conflict with adjacent structures.	Young	5-15	Low	Consider for Removal	3	n/a
311	<i>Murraya paniculata</i> (Mock Orange)	100 @ grade	2	1	Good	Good	Lopped with resultant epicormics.	Semi-mature	5-15	Low	Consider for Removal	2	1.5



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
312	<i>Murraya paniculata</i> (Mock Orange)	100 @ grade	2	1	Good	Good	Lopped with resultant epicormics.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
313	<i>Murraya paniculata</i> (Mock Orange)	100 @ grade	4	1	Good	Good	Hedge.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
314	<i>Murraya paniculata</i> (Mock Orange)	100 @ grade	2	1	Good	Good	Hedge.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
315	<i>Murraya paniculata</i> (Mock Orange)	100 @ grade	2	1	Good	Good	Hedge.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
316	Removed.	100											
317	<i>Jacaranda mimosifolia</i> (Jacaranda)	400	10	8	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) epicormic growth in moderate volumes. Mechanical damage to exposed surface roots. Phototrophic lean, slight.	Mature	15-40	Moderate	Consider for Retention	4.8	2.3
319	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	150 150	6	3	Good	Good	Twin-stem. Crown conflict with adjacent structures.	Semi-mature	5-15	Moderate	Consider for Retention	4	n/a
320	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	150 150	7	3	Good	No access to base. Not rating.		Semi-mature	5-15	Moderate	Consider for Retention	4	n/a
321	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	325	6	3	Good	Fair	Small (<25mm $\phi$ ) deadwood in low volumes. Co-dominant inclusions, major. Crown conflict with adjacent	Mature	5-15	Low	Consider for Removal	3.9	2.1

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
322	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	350 @ grade	3	4	Good	Good	Bark inclusion(s), minor.	Mature	5-15	Low	Consider for Removal	4.2	2.1
323	<i>Melaleuca bracteata</i> (Black Teatree)	350 @ grade	7	4	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Structures within SRZ.	Mature	5-15	Low	Consider for Removal	4.2	2.1
324	<i>Melaleuca bracteata</i> (Black Teatree)	400 @ grade	7	4	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots. Co-dominant inclusions, major.	Mature	5-15	Low	Consider for Removal	4.8	2.3
325	<i>Leptospermum petersonii</i> (Lemon Scented Teatree)	350 @ grade	5	4	Good	Fair	Co-dominant inclusions, minor. Crown density 75-95%.	Mature	5-15	Low	Consider for Removal	4	2.1
326	<i>Melaleuca bracteata</i> (Black Teatree)	219	5	4	Good	Fair	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low -dominant inclusions, major. Crown conflict with adjacent structures.	Mature	5-15	Low	Consider for Removal	2.6	1.8
328	<i>Eucalyptus moluccana</i> (Grey Box)	900	22	10	Good	Good	Previously injected. Crossing branches. Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Mistletoe. Trunk plugs - termite treatment?	Mature	15-40	High	Priority for Retention	10.8	3.2
329	<i>Pittosporum undulatum</i> (Native Daphne)	250 @ grade	3	4	Fair	Poor	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in moderate volumes. Small (<25mm $\phi$ ) epicormic growth in moderate volumes.	Semi-mature	5-15	Low	Consider for Removal	3	1.8

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
330	<i>Lagetroemia indica</i> (Crepe Myrtle)	400	6	3	Good	Fair	Partially suppressed. Ivy in lower crown.	Mature	5-15	Low	Consider for Removal	4.8	2.3
331	<i>Liquidambar styraciflua</i> (Liquidambar)	550	14	5	Good	Good	Pruned/lopped for line clearance. Structures within SRZ. star picket occluded at base	Mature	15-40	Moderate	Consider for Retention	6.6	2.6
332	<i>Eucalyptus microcorys</i> (Tallowwood)	700	17	8	Good	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes. Crown-lifted. No access to base.	Mature	15-40	High	Priority for Retention	8.4	2.8
333	<i>Ligustrum lucidum</i> (Broad Leaf Privet)	300	6	4	Good	Good	Weed species.	Mature	<5	Low	Priority for Removal	3.6	2
334	<i>Prunus cerasifera</i> 'Nigra' (Black Cherry Plum)	150-100	5	3	Good	Poor	Failed co-dominant inclusion.	Mature	<5	Low	Priority for Removal	2.4	1.7
A	<i>Eucalyptus moluccana</i> (Grey Box)	700 @ grade										8.4	2.8
A3	<i>Sapium sebiferum</i> (Chinese Tallow Tree)	350	10	5	Fair	Good	Small (<25mm $\phi$ ) & medium (25-75mm $\phi$ ) deadwood in low volumes.	Mature	5-15	Moderate	Consider for Retention	4.2	2.1
A5	<i>Cupressus sempervirens</i> (Pencil Pine)	275	6	1	Good	Good		Mature	15-40	Low	Consider for Removal	3.3	1.9
A6	<i>Olea europaea</i> var. <i>europaea</i> (European Olive) & <i>Celtis sinensis</i> (Chinese Nettle Tree)	150					Multiple individuals. Regrowth.					2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
A7	<i>Olea europaea</i> var. <i>europaea</i> (European Olive) & <i>Celtis sinensis</i> (Chinese Nettle Tree)	150					Multiple individuals. Regrowth.					2	1.5
A8	<i>Olea europaea</i> var. <i>europaea</i> (European Olive) & <i>Celtis sinensis</i> (Chinese Nettle Tree)	150					Multiple individuals. Regrowth.					2	1.5
A9	<i>Olea europaea</i> var. <i>europaea</i> (European Olive) & <i>Celtis sinensis</i> (Chinese Nettle Tree)	150					Multiple individuals. Regrowth.					2	1.5
AC	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	400 @ grade										4.8	2.3
AD	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	350 @ grade										4.2	2.1
AE	<i>Agathis robusta</i> (Kauri Pine)	400										4.8	2.3
AF	<i>Ligustrum sinense</i> (Small Leaf Privet)	100 @ grade					Group of 4 trees.		<5	Low	Priority for Removal	2	1.5
AG	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	300 @ grade					Retaining wall may limit root spread.					3.6	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
AH	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	400 @ grade					Retaining wall may limit root spread.					4.8	2.3
AI	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	400 @ grade					Retaining wall may limit root spread.					4.8	2.3
AJ	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	400 @ grade					Retaining wall may limit root spread.					4.8	2.3
AK	<i>Magnolia xsoulangiana</i> (Magnolia)	<50 @ grade	2	1	Fair	No access to base. Not rating.		Young	5-15	Low	Consider for Removal	2	1.5
AL	<i>Jacaranda mimosifolia</i> (Jacaranda)	75	7	2	Good	No access to base. Not rating.	Crown conflict with adjacent structures.	Young	5-15	Low	Consider for Removal	2	1.5
AM	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	400										4.8	2.3
AN	<i>Hibiscis tiliaceus</i> (Green Cottonwood)	500 @ grade										3.6	2
AO	<i>Olea europaea</i> subsp. <i>cuspidata</i> (African Olive)	600 @ grade										7.2	2.7
AP	Unidentified	350										4.2	2.1

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
AQ	<i>Araucaria bidwillii</i> (Bunya Pine)	1000										12	3.3
AR	<i>Syzygium</i> sp. (Lillypilly)	250					Group of 2 trees.					3	1.8
AS	<i>Jacaranda mimosifolia</i> (Jacaranda)	175										2.1	1.6
AT	Removed.												
AU	Removed.												
AV	Removed.												
B	<i>Eucalyptus moluccana</i> (Grey Box)	650										7.8	2.8
BS	<i>Archontophoenix cunninghamiana</i> (Bangalow Palm)	175	4	3	Good	Good		Semi-mature	5-15	Low	Consider for Removal	4	n/a
BT	<i>Grevillea 'Moonlight'</i> (Grevillea cvs)	100	4	4	Good	Good	Structures within SRZ.	Semi-mature	5-15	Moderate	Consider for Retention	2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
BU	<i>Grevillea</i> 'Moonlight' ( <i>Grevillea</i> cvs)	75			Good	Fair	Structures within SRZ.	Semi-mature	5-15	Moderate	Consider for Retention	2	1.5
BV	<i>Grevillea</i> 'Moonlight' ( <i>Grevillea</i> cvs)	150	4	3	Good	Good	Crown conflict with adjacent structures.	Semi-mature	5-15	Moderate	Consider for Retention	2	1.5
BX	<i>Ficus rubiginosa</i> (Port Jackson Fig)	400 600 300 300	11	7	Fair	Poor	Crown density 50-75%. Co-dominant inclusions, major. Bark inclusion(s), major. Heavily suppressed Celtis.	Semi-mature	5-15	Moderate	Consider for Retention	7.2	2.7
BY	<i>Eucalyptus tereticornis</i> (Forest Red Gum)	800										9.6	3
BZ	<i>Ligustrum sinense</i> (Small Leaf Privet)	168							<5	Low	Priority for Removal	2	1.6
C	<i>Eucalyptus moluccana</i> (Grey Box)	175										2.1	1.6
CA	Removed.												
CB	<i>Corymbia maculata</i> (Spotted Gum)	300										3.6	2
CC	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	300 200										3.8	2

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
CD	<i>Grevillea robusta</i> (Silky Oak)	400										4.8	2.3
CF	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	300 @ grade	3	2	Good	Poor	Coppice stool. Crown consists mainly of epicormic growth. Partially suppressed. Lopped with resultant epicormics.	Mature	5-15	Low	Consider for Removal	3.6	2
CG	<i>Fraxinus</i> sp. (Ash)	300	9	5	Fair	Good		Mature	15-40	Moderate	Consider for Retention	3.6	2
CH	<i>Fraxinus</i> sp. (Ash)	175	6	3	Fair	Fair	Localised crown death. Small (<25mm $\phi$ ), medium (25-75mm $\phi$ ) & large (>75mm $\phi$ ) deadwood in moderate volumes. Wound(s), advanced stages of decay.	Semi-mature	5-15	Moderate	Consider for Retention	2.1	1.6
CI	<i>Brachychiton acerifolius</i> (Illawarra Flame Tree)	175	4	2	Good	Good		Young	15-40	Moderate	Consider for Retention	2.1	1.6
CK	<i>Melaleuca quinquenervia</i> (Broad Leaf Paperbark)	425	11	5	Good	Good	Small (<25mm $\phi$ ) deadwood in low volumes. Mechanical damage to exposed surface roots.	Mature	15-40	Moderate	Consider for Retention	5.1	2.3
CO	<i>Grevillea robusta</i> (Silky Oak)	225					~1m from boundary.					2.7	1.8
CP	<i>Eucalyptus tereticornis</i> (Forest Red Gum)	500					~5m from boundary.					6	2.5
CQ	<i>Eucalyptus moluccana</i> (Grey Box)	600					~500mm from boundary.					7.2	2.7



Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
CR	<i>Melaleuca</i> sp. (Teatree)	50					Group of 3 trees.					2	1.5
CS	<i>Eucalyptus moluccana</i> (Grey Box)	700					~2.8m from boundary.					8.4	2.8
CT	<i>Eucalyptus moluccana</i> (Grey Box)	400					~2.8m from boundary.					4.8	2.3
CU	<i>Eucalyptus moluccana</i> (Grey Box)	700										8.4	2.8
CV	<i>Melaleuca stypheloides</i> (Prickly Leaf Paperbark)	200					~2.8m from boundary.					2.4	1.7
CW	<i>Eucalyptus moluccana</i> (Grey Box)	700					~5.6m from boundary.					8.4	2.8
CY	<i>Eucalyptus moluccana</i> (Grey Box)	300					~3m from boundary.					3.6	2
CZ	Removed.												
D	<i>Syzygium</i> sp. (Lillypilly)	150-150	4	2	Good	Good	Climber in crown.	Mature	15-40	Low	Consider for Removal	2	1.5

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
DA	<i>Eucalyptus moluccana</i> (Grey Box)	450					~5m from boundary.					5.4	2.4
DB	<i>Eucalyptus moluccana</i> (Grey Box)	500					~10m from boundary.					6	2.5
DC	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	175 @ grade	1m	1	Good	Poor	Crown consists mainly of epicormic growth. Lopped with resultant epicormics.	Mature	<5	Low	Priority for Removal	2.1	1.6
DF	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	250										3	1.8
DG	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	325										3.9	2.1
DN	Removed.												
DO	<i>Schinus molle</i> var. <i>areira</i> (Peppercorn Tree)	150	3	3	Good	Good	Small (<25mmØ) epicormic growth in moderate volumes. Partially suppressed. Lopped.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
DP	<i>Eucalyptus nicholii</i> (Narrow Leaf Peppermint)	500										6	2.5
ED	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	200 @ grade	3	3	Good	Good		Mature	5-15	Low	Consider for Removal	2.4	1.7

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
EJ	<i>Corymbia citriodora</i> (Lemon-Scented Gum)	600										7.2	2.7
EN	<i>Olea europaea</i> var. <i>europaea</i> (European Olive) & <i>Celtis sinensis</i> (Chinese Nettle Tree)	150					Multiple individuals. Regrowth.					2	1.5
EO	<i>Morus nigra</i> (Mulberry)	250	6	5	Good	Fair	Crossing branches. Partially suppressed. Co-dominant inclusions, minor.	Mature	5-15	Low	Consider for Removal	3	1.8
EP	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	300 @ grade	4	4	Good	Good		Mature	5-15	Moderate	Consider for Retention	3.6	2
EQ	<i>Liquidambar styraciflua</i> (Liquidambar)	550										6.6	2.6
ER	Removed.												
ES	Removed.												
ET	<i>Callistemon viminalis</i> (Weeping Bottlebrush)	150	4	2	Good	Good	Co-dominant inclusions, minor.	Mature	5-15	Moderate	Consider for Retention	2	1.5
F	<i>Syagrus romanzoffianum</i> (Cocos Palm)	300	8	4	Good	Good		Mature	5-15	Low	Consider for Removal	5	n/a

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
G	Removed.												
H	<i>Albizia julibrissin</i> (Silk Tree)	150	2	3	Good	Good	Wound(s), early signs of decay.	Semi-mature	5-15	Low	Consider for Removal	2	1.5
L	Removed.												
N	<i>Banksia integrifolia</i> (Coastal Banksia)	300 @ grade										3.6	2
O	<i>Eucalyptus crebra</i> (Narrow Leaf Ironbark)	600										7.2	2.7
Q	<i>Lagstroemia indica</i> (Crape Myrtle)	50										2	1.5
T	<i>Celtis sinensis</i> (Chinese Nettle Tree)	250										3	1.8
U	<i>Eucalyptus botryoides</i> (Bangalay)	500 300	16	8	Fair	Poor	Wound(s) with fungal brackets.	Mature	<5	Low	Priority for Removal	6.7	2.6
V	<i>Brachychiton acerifolius</i> (Illawarra Flame Tree)	250	8	4	Good	No access to base. Not rating.	Partially suppressed.	Semi-mature	5-15	Moderate	Consider for Retention	3	1.8

Tree No.	Species	DBH (mm)	Height (m)	Radial Crown Spread (m)	Health Rating	Structural Condition Rating	Comments	Age Class	ULE (years)	L/Sign	Retention Value	Radial TPZ (m)	Radial SRZ (m)
Y	<i>Phoenix canariensis</i> (Canary Island Date Palm)	400 @ grade										4	n/a
Z	<i>Celtis sinensis</i> (Chinese Nettle Tree)	224										2.7	1.8

**Appendix 4: Plates**



**Plate 1:** Showing Tree 47



**Plate 2:** Showing Tree 125



**Plate 3:** Showing locally indigenous trees along northern boundary



**Plate 4:** Showing Trees 231-233



**Plate 5:** Showing Tree 263



**Plate 6:** Showing Tree 270



**Plate 7:** Showing Tree 301



**Plate 8:** Showing Tree 328



**Plate 9:** Showing Tree 332